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THE FORTIETH

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BUCKNELL UNIVERSITY,

LEWISBURG, PA.,

For the Year 1889-90.

LEWISBURG:
PRINTED FOR THE UNIVERSITY.
1890.

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Rev. JOSEPH P. TUSTIN, A. M.,	Bloomsburg.
Rev. HENRY G. WESTON, D. D.,	Chester.
Hon. CHARLES S. WOLFE, A. M.,	Lewisburg.

MEETINGS OF THE BOARD.

The annual meeting is held on the Tuesday of Commencement week, at Lewisburg, Pa.

The semi-annual meeting is held on the second Thursday of January, at 1420 Chestnut street, Philadelphia, Pa.

Committees of the Board.

Committee on Instruction and Discipline:

Rev. A. Judson Rowland, D. D., *Chairman*, - - Baltimore, Md.
Rev. William Shadrach, D. D., - - - - - - Indiana.
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Rev. Henry G. Weston, D. D., - - - - - - Chester.
Rev. Leroy Stephens, A. M., - - - - - - Mt. Pleasant.
Hon. Charles S. Wolfe, A. M., - - - - - - Lewisburg.
Rev. Joseph P. Tustin, A. M., - - - - - Bloomsburg.
Rev. Wayland Hoyt, D. D., - - - - - Minneapolis, Minn.
Rev. C. C. Bitting, D. D., - - - - - - Philadelphia.

Committee on Finance:

James S. Swartz, *Chairman*, - - - - - - Philadelphia.
James Irving, - - - - - - - - - - - Chester.
George Callahan, - - - - - - - - - - Angora.
Rev. David P. Leas, A. M., - - - - - - Philadelphia.
Harry S. Hopper, - - - - - - - - - Philadelphia.
Hon. William Bucknell, - - - - - - - Philadelphia.
Col. Charles H. Banes, - - - - - - - Philadelphia.
James H. Little, Esq., - - - - - - - Philadelphia.

Committee on Buildings and Grounds:

Hon. Charles S. Wolfe, A. M., *Chairman*, - - - - Lewisburg.
Rev. Benjamin Griffith, D. D., - - - - - Philadelphia.
Thomas J. Hoskinson, - - - - - - - - Philadelphia.
Craig Lippincott, - - - - - - - - - Philadelphia.
Rev. Joseph P. Tustin, A. M., - - - - - Bloomsburg.
D. Bright Miller, A. M., - - - - - - - Lewisburg.
Pres. John H. Harris, Ph. D., - - - - - Lewisburg.

Committee on Publication:

Rev. George M. Spratt, D. D., *Chairman*, - - - Philadelphia.
Rev. Joseph P. Tustin, A. M., - - - - - Bloomsburg.
Rev. David P. Leas, A. M., - - - - - - Philadelphia.
Hon. Charles S. Wolfe, A. M., - - - - - - Lewisburg.
Hon. James Buchanan, - - - - - - - Trenton, N. J.

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Plan and Purpose of the University.

CORPORATE RIGHT.

The University was incorporated, with full University privileges, by the Legislature of Pennsylvania in an act approved by the Executive on the fifth day of February, A. D. 1846. The management of the University is committed to a Board of Trustees, consisting of twenty-five members, or fewer, at the option of the Board. The Trustees are prohibited for any cause, or under any pretext whatever, from encumbering by mortgage or otherwise the real estate or any other property of the Institution. It is required by the charter, that no religious sentiments are to be accounted a disability to hinder the election of an individual to any office among the teachers of the Institution, or to debar persons from attendance as pupils, or in any manner to abridge their privileges or immunities as students in any department of the University.

ORGANIZATION.

The University aims to impart sound instruction in all non-professional studies. To this end the Institution comprises three Departments: The College, for those who wish a full course of study; the Academy, for those preparing for College, for teaching in the public schools, or for business; and the Institute, for young women in all branches. These three Departments occupy separate buildings, but are under one Corporation and have one President.

All expenses are met from funds in the hands of a common Treasurer, and all the resources of the corporation are used to strengthen and develop the Institution in every department.

ENDOWMENT.

The Institution has productive funds amounting to over three hundred and fifty thousand dollars. The endowment funds, raised at various times, were increased in 1881 to an even two hundred thousand dollars. Since that time the Honorable William Bucknell has contributed to the general fund, one hundred and fifteen thousand dollars, and for scholarships and prizes about twenty-five thousand dollars. The estate of William H. Backus, M. D., given by will for the endowment of the Library, which it is thought will amount to one hundred thousand dollars, is only in part available.

THE UNIVERSITY PROPERTY.

The Campus of the University is situated on the south side of the borough of Lewisburg, and consists of twenty acres covered with a grove of native trees.

The College Buildings consist of a main edifice 80 feet square, with two wings, each 120 by 30 feet. In the Main Building are Recitation Rooms, the Library, the Museum, Rooms for the Literary Societies, and Commencement Hall. The wings contain Study Rooms and Dormitories. The Building is supplied with water from the Lewisburg Water Works.

Bucknell Hall, erected by the Honorable William Bucknell in 1886, is a beautiful and commodious Chapel, in which all Departments of the Institution meet for morning worship.

The Observatory, also the gift of the Honorable William Bucknell, 1887, is provided with a ten-inch Equatorial, a Transit instrument, and all the appliances essential to a working Observatory.

A Gymnasium, the gift of the Alumni and other friends of the Institution, is now (January, 1890,) in course of erection, and will be completed by Commencement, June 25th, 1890.

Funds have been placed in the hands of the Treasurer by Honorable William Bucknell for the erection of a Chemical Laboratory. The building will be 43 by 86 feet, two stories above the basement, and will be well adapted to the purpose for which it is intended. It will be ready for use by the opening of the collegiate year, September 11th, 1890.

The President's House has been enlarged and improved at a cost of five thousand dollars, by the Honorable William Bucknell.

The Academy Building is on College Hill, and is well adapted to its purpose. It contains a Dining Hall, Students' Rooms, Recitation Rooms, and Society Halls, together with the rooms of the Principal's family and the Matron, and accommodations for the Boarding Department. Valuable improvements, including steam heat and water from the Lewisburg Water Works, have recently been added. The East Hall, contiguous to the Main Building, is a three-story brick building, 60 feet by 40 feet, erected during the Autumn of 1888, by the liberal benefaction of Honorable William Bucknell, Chairman of the Board of Trustees of the University. It contains a Recitation Room, a teacher's apartments, and rooms for thirty-seven students. The rooms have high ceilings, large double windows with inside shutters, two commodious closets each, and are warmed by steam radiators.

The Institute Building stands in a Campus by itself, between the College and the borough, the grounds comprising about six acres. The Building is lighted with gas and heated by steam, and contains Recitation Rooms, Parlors, Apartments for students, a Boarding Department, and rooms of the Principal and teachers. Water and bathing accommodations have been recently introduced into the Building. The Annex Building, the gift of the Honorable William Bucknell, stands to the south-west of the Main Building, being connected with the latter by an inclosed passage-way. It is built of brick in the Queen Anne style of architecture, and has dimensions of 100 feet by 33 feet. The interior is finished in natural wood, and is equipped in matters of light, heat and ventilation with the most modern improvements.

The portion allotted to students' rooms affords accommodations for forty occupants. These rooms are in suites on the general plan of a centre parlor with bedrooms and closets opening to either side. The most spacious room of the building and its chief attraction is the Studio, with such adjustments for admission of light and supply of unincumbered wall surfaces as renders it precisely adapted for the execution and display of art products.

LOCATION.

The University is located at Lewisburg, near the geographical centre of the State, on the West Branch of the Susquehanna River, in a valley famous for healthfulness and beauty. In addition to the natural advantages of the site, the founders of the Institution appreciated the quiet of an inland town for economical support and retirement in study, particularly as it was found that other corporations had so located "their respective colleges as to leave in the central and northern part of Pennsylvania, a region extending more than two hundred miles from East to West, and more than one hundred from North to South, wholly unoccupied by any literary institution above the grade of an ordinary academy." Since the founding of the University, the multiplication of railroads has rendered access easy to every part of the State.

THE COLLEGE.

THE FACULTY AND OTHER OFFICERS.

JOHN HOWARD HARRIS, PH. D., PRESIDENT,
AND PROFESSOR OF PSYCHOLOGY AND ETHICS.

FREEMAN LOOMIS, PH. D.,
PROFESSOR OF MODERN LANGUAGES AND LITERATURE.

GEORGE G. GROFF, M. D., LL. D.,
PROFESSOR OF ORGANIC SCIENCES.

WILLIAM CYRUS BARTOL, A. M.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

FRANK ERNEST ROCKWOOD, A. M.,
PROFESSOR OF THE LATIN LANGUAGE AND LITERATURE.

WILLIAM GUNDY OWENS, A. M.,
PROFESSOR OF PHYSICS AND CHEMISTRY.

ENOCH PERRINE, A. M.,
JOHN P. CROZER PROFESSOR OF RHETORIC AND LITERATURE, AND SECRETARY.

CLARENCE FASSETT CASTLE, PH. D.,
NEW JERSEY PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

FREEMAN LOOMIS, PH. D.,
LIBRARIAN.

ADA CARLTON GROOM, A. B.,
INSTRUCTOR IN ELOCUTION.

WILLIAM CHRISTIAN GRETZINGER, B. S.,
REGISTRAR.

Directory of the Alumni.

THE GENERAL ALUMNI ASSOCIATION.

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JOSEPH K. WEAVER, M. D.

Vice-Presidents,
ALFRED TAYLOR, LL. B., and PROF. A. B. STEWART, A. M.

Secretary and Treasurer,
W. O. SHAFFER, A. M., Lewisburg.

Board of Managers:
The Officers of the Association, and A. A. Leiser, A. M.; George S. Matlack, B. S.; Alfred Hayes, A. M.; William R. Follmer, A. M.; John H. Wingert, B. S.

Gymnasium Committee:
Wm. E. Martin, A. M., Chairman; Rev. T. H. Chapman, A. M.; Rev. A. J. Furman, A. M.; T. R. Jones, LL. B.; Rev. D. P. Leas, A. M.; W. O. Shaffer, A. M.; O. W. Spratt, LL. B.; Rev. J. G. Walker, D. D.

Orator for 1890,
H. H. BALDRIDGE, A. M.

Alternate,
JOHN H. CASTLE, D. D.

THE BUCKNELL UNIVERSITY CLUB OF PHILADELPHIA.

President, PROF. G. M. PHILIPS, Ph. D.
Vice-President, REV. J. H. CHAMBERS, A. M.
Secretary, REV. H. B. GARNER, A. M., Berwyn.
Treasurer, E. L. TUSTIN, A. M.
Chairman of Executive Committee, J. H. GRATER, A. M.

NEW YORK ALUMNI CLUB.

President, CHAUNCEY B. RIPLEY, LL. D.
Vice-Presidents, REV. T. A. GESSLER, D. D., and ALFRED TAYLOR, LL. B.
Secretary, REV. W. R. MAUL, Ph. B., Erastina, Staten Island, N. Y.
Treasurer, DAVID E. RUE, A. M.
Executive Committee: T. R. Jones, LL. B.; Rev. S. B. Meeser, B. S.; A. W. Hand, A. M.

The Alumni.

Ministers in *Italics.* The * indicates deceased; the year, date of decease.

1851.

**Washington Barnhurst*..1862.
John H. Castle, D. D.....Rochester, N. Y.
**Reeder M. Fish*.....1884.
**George O. Ide*.....1885.
J. Merrill Linn.....Lewisburg.

John M. Lyons.....Medford, N. J.
Henry Pomerene.....Philadelphia.

1852.

Virgil M. Blanding.....Rock Island, Ill.
David F. Carnahan.....Champaign, Ill.
*George Good.....1863.
Andrew J. Hay..... N. Cramer Hill, N. J.
George I. McLeod, M. D. Philadelphia.
*Edward W. Moore.....1861.
Amos B. Still..... ..... Danville.

1853.

*William H. Backus, M. D. 1886.
**James Anderson Kelly*..1877.
J. Spencer Kennard, D. D. Los Angeles, Cal.
**Augustus H. Lung*.....1885.
Asa P. Meylert, M. D....New York.
Malachi F. Taylor.....Brooklyn, N. Y.

1854.

William A. Anderson...
Charles M. Deitz.....Florence, N. J.
John M. Finn.....Caln.
**Ira Foster*.....1857.
Robert Lowry, D. D.....Plainfield, N. J.
Edwin R. Peckens.....Plymouth.
Jared H. Peters.....Philadelphia.
**Edward G. Taylor, D. D.* 1887.
Samuel W. Ziegler.....Lewisburg.

1855.

Benjamin Bear, M. D....Jersey Shore.
Henry I. Budd.....Mt. Holly, N. J.
Joseph G. Burchinal.....Smithfield.
Henry G. Clay.....Philadelphia.
*James P. Gregg.....1864.
Hon. Alfred Hayes.....Lewisburg.
*Joseph J. Lane..... .1860.
John H. Lukens.....Vineland, N. J.
Charles H. Malcom, D. D. Newport, R. I.
John Owens.....Pittsburg.
**Arthur G. Thomas*..... 1886.

1856.

*Edwin A. Evans.....1872.
Lewis K. Evans.....Three Rivers, Mich.
George Frear, D. D.....Wilkes-Barre.
George W. Fries.....Friendship, N. Y.
John A. Gundy.....Lewisburg.
Senator W. F. W. Jacobs. Boston, Mass.
Miller Jones.....Village Green.
**Andrew F. Shanafelt*....1875.
John R. Shanafelt.....Lawrence, Kan.
**Prof. F. W. Tustin, Ph. D.* 1887.

1857.

Robert Chalfant.....1878.
**George T. McNair*.....1889.
*Harvey W. Mitchell....1867.
George A. Peltz, D. D....Philadelphia.
**J. Q. A. Rohrer*.....1860.
J. A. Selser.....Philadelphia.

1858.

Thomas Chamberlin.....Philadelphia.
Jesse D. Cooper.....Centreville, Ala.
**Robert Dunlap*.....1885.
T. H. B. Lewis.....Wilkes-Barre.
*Milton Opp.....1864.
Elisha Rittenhouse.....Asbury Park, N. J.
*Francis H. Westcott ...1870.
**Isaac C. Wynn, D. D*...1889.
*Hon. Wm. H. Yerkes...1885.

1859.

H. L. Atkinson.....Sunbury.
O. P. Chamberlin.....Flemington, N. J.
Thomas P. Coulston, D. D. Frankford, Phila.
William H. Finn, M. D..Philadelphia.
A. J. Furman.....Lewisburg.
A. D. Hawn, D. D.....Delaware, Ohio.

1860.

Jas. Chamberlin, LL. B..Nashville, Tenn.
C. V. Gundy.....Lewisburg.
William A. Marr.... ....Ashland.
James H. Marr.....Philadelphia.
William L. Nesbit.....Lewisburg.
George R. Spratt, M. D..Coatesville.
Senator S. P. Wolverton..Sunbury.

1861.

William H. Harrison.. .Philadelphia.
**William H. Runyon*.... 1881.
*David Ruth:.....1881.
T. M. Shanafelt, D. D... Huron, South Dak.
Joseph Smith.....Granville, Ohio.
O. W. Spratt, LL. B.....Philadelphia.
Joseph K. Weaver, M. D. Norristown.

1862.

William H. Beck.....Washington, D. C.
Henry Bray.....Roxborough, Phila.
William H. Conard.....Philadelphia.
Thomas R. Jones, LL. B. New York.
D. Bright Miller.....Lewisburg.
David M. Nesbit.....College Station, Md.
*Thomas R. Orwig.....1862.
A. J. Rowland D. D.....Baltimore, Md.
*Andrew G. Tucker.....1863.
Jacob G. Walker, D. D...Philadelphia.

1863.

George Bowman.....Anacostia, D. C.
W. W. Case.....Holmdel, N. J.
Asher Cook..... Middle Grove, N. Y.
Owen P. Eaches, D. D...Hightstown, N. J.
Henry F. Grier.... .....Pittsburg.
David P. Leas..... ....Philadelphia.
Henry C. Munro.....Muncy.
Joseph P. Tustin.....Bloomsburg.
W. Winterbottom, D. D. S. Bartlett, N. Y.
*Henry H. Witmer..... 1864.
William Wolverton.....Lock Haven.

1864.

William F. Cowden.....Allegheny City.
T. A. K. Gessler, D. D...New York.
J. G. Homet.....Lancaster.
John B. Hutton.....Rushville, Neb.
**John C. Hyde*.....1884.

C. B. Ripley, LL. D.....New York.
Shaw Loo, M. D......Maulmain, Burmah.
Charles A. Stone.....Walton, N. Y.
Prof. Robert Townsend.Reading.
*Wm. G. VanZant, M. D.1874.
Ross Ward.....California.
William S. Wood.....Mt. Pleasant.

1865.

Theophilus E. Clapp.....Portland, Oregon.
Henry B. Fowler, C. E. .Camden, N. J.
H. B. Garner.....Berwyn.
Thomas A. Gill, U. S. N..Philadelphia.
Edward E. Jones... ....Middletown, N. J.
Howard F. King.....Uniontown.
C. B. Lowe.....Philadelphia.
John B. Probasco, M. D.Plainfield, N. J.

1866.

Henry J. Ely.....Hightstown, N. J.
N. C. Giddings, M. D....Muncy.
**George C. Hall*.....1870.
Alonzo Hull.....St. Louis, Mo.
John S. Hutson.....Allegheny.
Prof. F. Loomis, Ph. D..Lewisburg.
John A. Siner, LL. B....Philadelphia.
Thomas F. Smith.....Clifton, N. Y.
Alfred Taylor, LL. B.....New York.
Hon. C. S. Wolfe, LL. B.Lewisburg.

1867.

William Barrows.....Oxford.
Arthur D. Dean.....Scranton.
William C. Grier.....Huron, South Dak.
George H. Irwin.....Harrisburg.
David M. Jones.....Wilkes-Barre.
Elias S. Lear.....Burlingame, Kan.
Charles Marks.....Lewistown.
Webster R. Maul.....Erastina.
E. H. Painter.....Turbotville.
**Lemuel D. Pawling*.... 1876.
Thomas J. Philips.....Atglen.
David E. Rue.....Hoboken, N. J.
Prof. E. M. Tomlinson...Alfred Centre. N. Y.
Joseph L. Watson.....Mullica Hill, N. J.

1868.

John W. Gosorn.....Concord.
John Sexton James.....Hartford, Conn.
*Prin. Jonathan Jones...1882.
Franklin Mathews, M.D..Philadelphia.
John W. Poler.....Philadelphia.
Joseph Sergeant.....Flemington, N. J.
Leroy Stephens.....Mt. Pleasant.

1869.

Charles H. Anderson.....Philadelphia.
Francis M. Baker .....Willow, Cal.
Martin Bell.....Hollidaysburg.
George W. Bliss.....Chester.
F. E. Bower.....Middleburg.
George J. Brensinger.....Philadelphia.
Joseph W. Crawford.....Philadelphia.
F. K. Fowler.....Manistique, Mich.
*Pres. J. H. Harris, Ph. D.*Lewisburg.
Andrew A. Leiser.....Lewisburg.
Albert Schooley.....Chehalis, Wash.
William H. Shermer.....Elizabeth, N. J.
David G. Sturdevant.....Gibbon, Neb.
Edmund Wells.....Mt. Carroll, Ill.
John S. Wrightnour.....Warren, Ohio.

1870.

Hon. Lemuel Amerman..Scranton.
Henry H. Bliss, LL. B...Washington, D. C.
Charles T. Hallowell.....St. Paul, Minn.
George S. Matlack.....Lewisburg.
Charles K. Middleton....Camden, N. J.

1871.

George Ballentine.....East Smithfield.
*Joseph K. Bogert.....1887.
Henry Colclesser.....North Wales.
**Jacob T. Elwell*.....1888.
Thomas R. Evans.....Iowa City, Iowa.
*Prof. W. T. Grier.....1884.
Henry S. Hickman. .....West Chester.
William S. Holt.....Saltsburg.
John Humpstone, D. D...Brooklyn, N. Y.
Charles Jones.....Taylorville.
G. N. Le Fevre.....Strasburg.
Frank S. Marr.....Lewisburg.
Prin. Wm. E. Martin ...Lewisburg.
J. J. Nicholas.....Oakland, Cal.
William R. Patton.....Media.
Prof. G. M. Philips, Ph. D. West Chester.
James Rainey.....Laceyville.
**Benjamin F. Robb*.....1889.
William F. Schooley.....Allenwood.

1872.

John Ballentine.....Clarion.
Prof. W. C. Bartol.....Lewisburg.
F. Bertolette.....Mauch Chunk.
J. H. Chambers.....West Chester.
T. M. Eastwood.....Burlington, N. J.
Aaron W. Eyre, M. D....Leadville, Col.
S. F. Forgeus.....Bellwood.
Albert Foster.....Albany, N. Y.
J. H. Grater.....Philadelphia.
Edwin E. James, M. D...Chestnut, Mont.
Rolandus Kocher.....Dundee, N. Y.
William Leiser, M. D....Lewisburg.
W. H. Mentzer.....Athens.
George Ogden, Jr.....Philadelphia.
F. J. Parry.....Brattleboro, Vt.
R. W. Perkins.....Lock Haven.
J. H. Pomeroy.....Shenandoah.
George M. Righter.....Roxborough, Phila.
W. O. Shaffer.... .....Lewisburg.
George Whitman.....Buffalo, N. Y.
John H. Wingert.....Montandon.

1873.

J. W. Allen.....Boone, Iowa.
**Edwin C. Baird*.....1887.
John B. Cook.....Greeley, Col.
*W. F. Derr.....1886.
John W. Hague.....Pittsburg.

R. A. Kennedy, M. D....Shamokin.
*S. D. McDonald.....1886.
N. P. Mervine.....Altoona.
William B. Ridenour....Brooklyn, N. Y.
Daniel W. Sheppard.....Davisville.
Freeman G. Teed.....Los Angeles, Col.
William C. Walls.....Lewisburg.
E. B. Walts.....Uwchlan.

1874.

Hon. Ward R. Bliss.....Chester.
C. C. Hazen.....North Sewickly.
*Pres. David J. Hill, LL. D.*Rochester.
W. C. Hollopeter, M. D. Philadelphia.
Alfred C. Knowlton.....Philadelphia.
Bernard MacMackin.....Bryn Mawr.
Edward M. Ogden.....Hammonton, N. J.
**Benjamin H. Yerkes*.....1883.

1875.

E. M. Brawley, D. D.....Nashville, Tenn.
Thomas Crea.....Sharpsburg.
**James O. Critchlow*.....1889.
John F. Duncan.....Lewisburg.
William H. Ellis.....Olyphant.
Robert D. Evans.....Wilkes-Barre.
Wilfred Gerhart, M. D...Tyrone.
T. E. Halfpenny.....Lewisburg.
J. W. Higbee.....Library.
D. P. Higgins.....Lewisburg.
Thomas W. Hoskinson..Philadelphia.
Charles R. James.....Allentown.
F. M. Kelly.....Milton.
George H. McClelland....Duluth, Minn.
George W. Means.....Brookville.
**William H. Paullin*.....1884.
Joseph M. Ray.....Prospect.
L. M. Roberts.....Glynceiriog, Wales.
J. F. Strieby.....Williamsport.
Cyrus Trego, M. D.....St. Peters.
T. K. VanDyke.....Lewisburg.
John B. Weston, M. D...Duluth, Minn.

1876.

Alex. S. Bastian.....Livingston, N. J.
John Brooks.....Philadelphia.
Thomas H. Chapman.....Pittsburg.
Levi H. Copeland.....Oak Lane, Phila.
Lewis Cass Davis.....Turbotville.
Theodore Henderson.....Brookville.
Owen James.....Hatboro.
P. N. K. Schwenk, M. D.Philadelphia.
John N. Shanafelt.....Chester.
Albert B. Stewart.....Lewisburg.
Harry S. Swartz.....Gouverneur, N. Y.

1877.

Thomas H. Collins.....Scranton.
Eugene Emley.....Paterson, N. J.
William R. Follmer.....Lewisburg.
Calvin A. Hare.....Doylestown.
Harry M. Lowry.....Port Jefferson, N. Y.
George A. Marr.....Philadelphia.
Harold M. McClure.....Sunbury.
Thomas P. Morgan.....Worcester, N. Y.
*William L. Penny.....1882.
William E. Phillips.....King of Prussia.
Edmund H. Reppert.....Uniontown.
Edmund D. Shull.....Clinton, Conn.
George T. Street.....Pittsburg.
Edwin T. Trimble.....Centralia, Wash.
Charles J. Wolfe.....Lewisburg,

1878.

D. A. Blose.....Tonica, Ill.
L. M. Boyer.....New Berlin.
Prof. Frank N. English..Colfax, Wash.
James Fielding.....Dalton.
James E. Frear.....Tunkhannock.
William K. Lord.....Philadelphia.
H. O. Newcomb.....Millville, N. J.
George E. Nichols.....West Medway, Mass.
Joseph E. Perry.....Waverly.
L. L. Shearer.....Weiser, Idaho.
B. H. Thomas, Jr.....Cleveland, Ohio.
Frank W. Westcott, M.D.Scotch Plains, N. J.

1879.

*Frank S. Davis.....1885.
Daniel W. Griffith.....Nebraska City, Neb.
John H. Groff.....Shelbyville, Ind.
Elisha G. Harvey.....Conemaugh.
Abner J. Irey.....Wheeling, W. Va.
Prof. Charles L. Penny..Newark, Del.
Earl Milo Purdy.....Lewisburg.

1880.

Frank H. Cooper.....Mansfield.
*David H. Evans.....1881.
Henry A. Griesemer.....Haddonfield, N. J.
Wilmot J. Hunter.....Bolivar, Mo.
Thomas L. Lewis.... ....West Conshohocken.
**Thomas W. Mason*.....1881.
Prof. William G. Owens.Lewisburg.
James M. Plannett.....Sedalia, Mo.
**Albert J. Shoemaker*.....1886.
Henry M. Wolf, Jr.....Millerton, N. Y.
Samuel L. Ziegler, M. D.Philadelphia.

1881.

Edward B. Cornell.....Wellsboro.
Francis W. Cramer.....Cleveland, Ohio.
Prof. Wm. Frear, Ph. D.State College.
Frank H. Shermer.....Sunbury.
Herbert F. Stilwell.....Freehold, N. J.

1882.

W. M. Datesman.....Philadelphia.
Milton G. Evans.... ....Chester.
H. C. Hall.....Sharon.
H. J. Hamilton.....Connellsville.
R. M. Hunsicker.....East Smithfield.
J. A. Jenkins.....Vernon Centre, Minn.
Henry Madtes.....New Castle.
John S. Thomas.....Pontiac, Mich.

1883.

A. H. Beaver.....Wyoming, Ohio.
J. F. Carey, Jr.....Battle Creek, Mich.
William J. Coulston.....Hollidaysburg.
William M. Driesbach....Lewisburg.

Spenser B. Meeser.....Paterson, N. J.
J. C. Nissley.....Harrisburg.
A. W. Puller.....Orange C. H., Va.
Clarence E. Sprout.....Williamsport.
Charles E. Stein.....Lewisburg.
William C. Summers.....Lewisburg.
O. R. Thomas.....Kane.
A. L. Tustin.....Bloomsburg.
Morgan J. Watkins.....Factoryville.
William G. Watkins.....Shamokin.
Elmer E. Wolfe.....Hightstown, N. J.

1884.

Howard H. Baldridge...Omaha, Neb.
Jacob Davies.....Plymouth.
Cyrenus A. Gardner.....Lash.
F. M. Goodchild.....Amenia, N. Y.
Aaron W. Hand.....Paterson, N. J.
John A. Hornberger.....Fremont, Neb.
Franklin P. Lynch.....Stratford, Conn.
George P. Miller.....Denver, Col.
Fred. W. Overheiser.....Pottsville.
Milton W. Shreve.....Union City.
Owen M. Shreve.....Buffalo, N. Y.
Marshall G. Smith.....Mountaindale.
Ernest L. Tustin.....Philadelphia.

1885.

Samuel Z. Batten.....Brookville.
William P. Beaver.....New York.
Samuel Bolton, Jr.....Frankford, Phila.
John P. Currin.....Lebanon, Ohio.
William R. Granger.....Raleigh, N. C.
J. M. K. Hare.....Phoenixville.
Charles W. Hermann....Middleburg.
James Israel.....Pittsburg.
William L. Kurtz.....Berlin.
Carl C. Law.....Pittsburg.
S. G. Reading.....Williamsport.
Joseph E. Sagebeer.....Philadelphia.
Chella Scott.....Mansfield.
Ralph M. Strawbridge...Philadelphia.

1886.

Hiram G. Driesbach....Lewisburg.
Charles B. Furman.....Royersford.
Edward A. Johnson.....Binghamton, N. Y.
George F. Keefer.....Sunbury.
Elmer E. Keiser, M. D...Taeony, Phila.
William W. Kelchner....Williamsport.
Charles R. Kurtz.....Bellefonte.
William A. Lewis.....Philadelphia.
Ira D. Mallery.....New Milford.
Samuel S. Merriman.....Merchantville, N. J.
Albert W. Pegues.....Raleigh, N. C.
William A. Shipman.....Sunbury.
William C. Stinson.....Menalpin, N. J.
Lincoln S. Walter.....Sunbury.

1887.

Howard L. Calder.....Harrisburg.
James B. Cawley.....Pottsgrove.
George F. Clark.....Hightstown, N. J.
Justin L. Gundy.....Bordentown, N. J.
Walter S. Harley.....Bridgeton, N. J.
Miles O. Noll.....Lancaster.
John G. Owens.....Bridgeton, N. J.
Edwin Paul.....Chillisquaque.
Thomas H. Rowe.....Lairdsville.
Frances M. Rush.....Lewisburg.
Mary R. Y. Schreyer.....Milton.
Daniel W. Shipman.....Shamokin.
William E. Staub.....Norristown.
J. W. A. Young.....Worcester, Mass.

1888.

A. B. Bowser.....Chester.
James S. Braker.....Chester.
William H. Clipman.....Jerscy Shore.
John W. Griffiths.....Throop.
George W. Hatch.....Rome.
William V. Hayes.....New York.
Reuben C. Hollenbaugh..Fultonham, Ohio.
Prof. Lincoln Hulley.....Lewisburg.
Daniel M. Jones.....Chester.
Prof. Harry M. Kelly....New Berlin.
Robert B. McDanel.....Northumberland.
Prof. John D. Minick....Lenoir, N. C.
Oliver K. Pellman.....Aberdeen, Dak.
J. P. Pontius.....Philadelphia.
Milton C. Reinhold.....Mahanoy City.
John Y. Schreyer.....Milton.
Frederick H. Senft.....New York.
Charles A. Soars.....Chester.
William M. Woodward..Philadelphia.

1889.

O. E. Abraham.....New York.
Joseph M. Ashton.....Rochester, N. Y.
Thomas W. Booth.....Morgan Park, Ill.
Oliver B. Finn.....Philadelphia.
William C. Gretzinger...Lewisburg.
Edwin H. Guic.....Catawissa.
Frank B. B. Hargrave...Greensburg.
William C. Leinbach.....Chester.
Thomas Quintin.....Scranton.
Jesse O. Shipman.....Paxinos.
Charles A. Walker.....Chester.
Raymond West.....Chester.
Joseph M. Wolfe.....Ithaca, N. Y.
W. E. Zeller.....Philadelphia.

SUMMARY:

Number living	384
Number dead	48
Total	432

☞The President of the University desires to be informed of any errors, deficiencies, or changes in the addresses of the Alumni.

STUDENTS.

THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
William Musser Courson,	*Akron, O.*,	No. 7, East Wing.
William Farrow, Jr.,	*Snydertown*,	Mrs. Reitmyer.
James Harry Haslam,	*Marple*,	No. 7, West Wing.
Willard Carey McNaul,	*Williamsport*,	Mrs. Hertz.
Richard Lloyd Schroyer,	*Selinsgrove*,	No. 4, East Wing.
Eveline Judith Stanton,	*Chinchilla*,	Institute.
James Irven Woodruff,	*Selinsgrove*,	No. 6, East Wing.
Joseph Sutton Young,	*Deanville*,	No. 6, West Wing.

THE JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Robert Burr Dunmire,	*Richardsville*,	No. 21, East Wing.
Herbert Cooper Donat,	*Davisville*,	No. 30, East Wing.
George Elmer Fisher,	*Salem*,	No. 6, East Wing.
Charles Witcraft Haines,	*Lewisburg*,	Mr. T. C. Haines.
John Thomas Hyatt,	*Lewisburg*,	Dr. P. F. Hyatt.
Harvey Wilson Douglass Kirkendall,	*Berwick*,	No. 27, East Wing.
Claudius Grimsley Langford,	*Weston, W. Va.*,	No. 26, East Wing.
Jacob Henry Minick,	*Orrstown*,	No. 21, East Wing.
Abraham Lincoln Moore,	*Haddenfield, N. J.*,	No. 28, East Wing.
Charles Knecht Newell,	*Philadelphia*,	No. 11, East Wing.
Harriet Bixby Pitts,	*Mansfield*,	Institute.
Foster Henry Starkey,	*Mansfield*,	No. 7, East Wing.
Almon Odell Stevens,	*Hop Bottom*,	No. 11, East Wing.
Paul Tustin,	*Bloomsburg*,	Mrs. F. W. Tustin.

THE SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Charles William Allen,	*Scranton*,	No. 24, East Wing.
Ralph Charles Henry Catterall,	*Port Allegheny*,	No. 19, West Wing.
Annie Catherine Carlisle,	*Williamsport*,	Institute.
Elton Smith Corson,	*Beesley's Point, N. J.*,	No. 32, East Wing.
Philip Jackson Dickerson,	*Lula, Va.*,	No. 19, East Wing.
Homer Dowlin,	*Downingtown*,	No. 22, East Wing.
Charles Alexander Gundy,	*Lewisburg*,	Mr. J. A. Gundy.
Samuel Iredell,	*Bridgeton, N. J.*,	No. 23, East Wing.
Charles Koonce,	*Lewisburg*,	No. 30, East Wing.
Willard Arthur Laning,	*Fleming*,	No. 14, East Wing.
Otto Lansberg,	*Connellsville*,	No. 14, East Wing.
Alice Gertrude Myers,	*Huntingdon*,	Institute.
William Clayton Noll,	*Lewisburg*,	Mr. J. R. Noll.
James MacLean Paterson,	*Blairsville*,	No. 14, East Wing.
Llewellyn Phillips,	*Plymouth*,	No. 13, West Wing.
Walter Bodine Pimm,	*Flemington, N. J.*,	No. 20, East Wing.
Charles Fisher Rinker,	*Eaton*,	No. 19, East Wing.
Charles Grant Shaffer,	*Lewisburg*,	No. 5, East Wing.
George Shorkley,	*Lewisburg*,	Mr. E. Shorkley.
*William Thomas Snyder,	*Mahanoy City*,	Mrs. J. Snyder.
Andrew Robert Elmer Wyant,	*Adrain*,	No. 20, East Wing.

* Deceased.

THE FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
John Brice Cressinger,	*Sunbury*,	Home.
John DeGrouchey Derr,	*Turbotville*,	No. 15, East Wing.
Calvin Wilson Derr,	*Limestoneville*,	No. 12, East Wing.
Harland Alexander Denny,	*South Gibson*,	No. 29, East Wing.
Cornelius Arthur Emmons,	*Milton*,	No. 15, East Wing.
Charles Edward Folmer,	*Shenandoah*,	No. 22, East Wing.
John Hammond Foresman,	*Williamsport*,	No. 5, East Wing.

NAME.	RESIDENCE.	ROOM.
Arthur Fremont Gardner,	*Factoryville*,	No. 31, East Wing.
John Phillips Griffith,	*Lewisburg*,	Home.
Howard Pollock Gundy,	*Lewisburg*,	Mr. W. L. Gundy.
Ephraim M. Heim,	*Warrensville*,	No. 24, East Wing.
Elkanah Hulley,	*Chester*,	No. 31, East Wing.
John Wardell Ivens,	*Red Bank, N. J.*,	No. 16, East Wing.
Edward Clayton Pauling,	*Elimsport*,	No. 32, East Wing.
Mary Florence Pannebaker,	*Lewistown*,	Institute.
William Boyd Sheddan,	*Pottsgrove*,	No. 12, East Wing.
Eugenio Kincaid Thomas,	*Scranton*,	No. 30, East Wing.
Howard Wilson Sneck,	*Renovo*,	No. 27, East Wing.
John E. Williams,	*South Gibson*,	No. 29, East Wing.
Charles Dale Wolfe,	*Lewisburg*,	Mr. Michael Wolfe.
Samuel Harrison Zimmerman,	*Highspire*,	No. 12, East Wing.

PURSUING SELECT STUDIES.

NAME.	RESIDENCE.	ROOM.
John Howard Blackwood,	*Scranton*,	No. 23, East Wing.
Margaret Orwig Evans,	*Lewisburg*,	Mr. T. G. Evans.
Seth Austin Field,	*Philadelphia*,	Mr. Lindig.
William Wilson Goodwin,	*Jefferson*,	Miss Mendenhall.
Robert Janish Holmes,	*Pittston*,	No. 25, East Wing.
Charles Augustus Kram,	*Milton*,	Home.
Joseph Martin Kiefer,	*Tunkhannock*,	No. 13, East Wing.
Harry Harrison Null,	*Greensburg*,	No. 13, East Wing.

SUMMARY:

The Senior Class	8
The Junior Class	14
The Sophomore Class	20
The Freshmen Class	21
Pursuing Select Studies	8
Total	71
In other Departments	214
Total in all Departments	285

ADMISSION.

TO FRESHMAN STANDING.

I. GENERAL REQUIREMENTS.—Examinations for admission to the Freshman Class will be held on Monday of Commencement week, June 23d, candidates assembling in Bucknell Hall at 8:30 A. M., and coming supplied with pencil and paper.

Similar examinations are also held on the day preceding the opening of each term. In special cases, candidates may be examined and admitted at other times in the year.

Candidates are expected to come well prepared in the English branches named below. They will be as strictly examined in these studies as in the Ancient Languages and Mathematics.

There must be furnished to the President by the candidate satisfactory testimonials of good moral character, and, if he come from another College, a certificate of honorable dismission must be presented.

The required age for admission to the Freshman Class is fifteen years.

II. PARTICULAR REQUIREMENTS.—They are as follows for the respective Courses:

I. THE CLASSICAL COURSE.

To enter the Classical Course, the student must sustain an examination in:

ENGLISH.

1. Writing from dictation.
2. English Grammar.
3. Elements of Rhetoric—Invention, Style, and Punctuation.
4. A brief composition upon a subject assigned at the time of the examination. For the year 1890 the subject will be taken from one of the following: Shakespeare's Julius Cæsar, Thackeray's Henry Esmond, Hawthorne's Scarlet Letter.

MATHEMATICS.

1. Arithmetic, including the Metric System.
2. Algebra—to Quadratic Equations. The requirements in this study are intended to include the treatment of Radicals, and will be most nearly met as a whole by the use of Wells' University Algebra. After 1890, the requirements in Mathematics will include Quadratic Equations.
3. Plane Geometry—Wentworth.

LATIN.

1. Latin Grammar—Allen and Greenough's, or Harkness'.
2. Allen's Latin Prose Composition—Part I.
3. Four books of Cæsar's Commentaries.
4. Six Orations of Cicero.

5. Six books of Vergil's Æneid.

GREEK.

1. Greek Grammar—Hadley and Allen's preferred.
2. Jones' Greek Prose Composition—20 Lessons.
3. Greek Reader.
4. Four books of Xenophon's Anabasis.
5. Three books of Homer's Iliad.

HISTORY.

1. History of Rome.
2. History of Greece.
3. Elements of United States History.

SCIENCE.

1. Geography—Descriptive, Political, and Physical.

2. The student is recommended to read some elementary work on Physics and Physiology, also Morse's First Book in Zoölogy, Gray's How Plants Grow, and Dana's Geological Story Briefly Told. This reading should be done before entering upon the studies of the Sophomore Year. The necessary books can be obtained in the University Library.

In any of the subjects of examination, satisfactory equivalents will be accepted instead of the text-books named.

II. THE SCIENTIFIC COURSE.

I. THE LATIN DIVISION.—To enter the Latin Division of the Scientific Course the candidate must sustain an examination in the above named studies, except Vergil and Greek. After 1890, the requirements for admission to the Latin Scientific Course will include Six Books of Vergil's Æneid, Elementary Physics, and Physiology.

II. THE GREEK DIVISION.—To enter the Greek Division of the Scientific Course the candidate must sustain an examination in the above named studies except Latin, the fourth book of the Anabasis of Xenophon, and Homer's Iliad. After 1890, the requirements for admission to the Greek Scientific Course will include one author in Latin, Three Books of Homer's Iliad, Elementary Physics, and Physiology.

III. THE ENGLISH DIVISION.—To enter the English Division of the Scientific Course, the candidate must sustain examination in English Grammar, Elements of Rhetoric, English Composition, Arithmetic, including the Metric System, Algebra to Quadratic Equations (after 1890, through Quadratic Equations), and Plane Geometry; Latin Grammar, Latin Composition (Allen's Part I., or an equivalent), Cæsar's Commentaries, Four Books; Elementary Physics, Physiology and Hygiene, and Botany; Geography, Mathematical, Political and Physical; History of the United States, General History, and Civil Government.

CONDITIONAL ADMISSION.

A candidate failing to pass in one or more of the subjects required for admission may, at the discretion of the Faculty, be admitted to his class conditionally, to make up his deficiencies by extra study. When they are made up, he will be received into full standing in his class.

SPECIAL STUDENTS.

Young men who do not desire to take a full regular course can enter and select special shorter courses, with the sanction of the Faculty; but in all cases satisfactory examinations must be passed upon the subjects required for admission to the Freshman Class.

Students who have completed a course of study in preparatory schools of high grade may be admitted upon the certificate of the Principal of the school from which they come. Blank forms may be obtained by addressing the Registrar.

Graduates from Bucknell Academy in the Classical Course, or in the Scientific Course, will be admitted to the corresponding course in College upon the certificate of the Principal of Bucknell Academy.

TO ADVANCED STANDING.

I. **General Requirements.**—A proportionate increase of age is requisite for admission to advanced classes, over that required for admission to Freshman standing. Other general requirements are the same as for admission to the Freshman Class.

II. **Particular Requirements.**—Candidates for admission to advanced classes are examined both as for admission to Freshman standing, and also in the studies that have been pursued by the class which they desire to enter.

LOCAL EXAMINATION FOR ADMISSION.

Arrangements have been made for conducting entrance examinations at Philadelphia, Pittsburg, Harrisburg, and Scranton. Those intending to present themselves for examination at either of these places should inform the President of the University of their intention, and the necessary information as to details will be furnished.

These examinations will be held Friday, June 20th, 1890.

Courses of Study.

The following Courses of Study may be pursued in the College:

I. The Classical Course extends through four years, and aims to furnish a liberal education in the classics, the sciences, the arts, and literature. It comprises, substantially, the studies of the established college curriculum, with he addition of such branches as modern life seems to demand. The studies in the Freshman and Sophomore years are all required; in the Junior and Senior years two studies each term are required, and an elective is permitted from three others. Students who have satisfactorily pursued this course are admitted to the degree of Bachelor of Arts.

II. The Scientific Course, with Latin or Greek, in each of its two divisions, also extends through four years, and aims to furnish a thorough training in advanced studies to those who desire to pursue but one of the Ancient Languages. This course contains five terms of such language study, be it of Latin or Greek, most of the other studies of the Classical Course, with some addition of Scientific subjects. Students pursuing this course recite, as far as possible, with classical students. Those who have satisfactorily completed the studies of the course are admitted to the degree of Bachelor of Philosophy.

III. The English Scientific Course extends through four years and is substantially the same as the other divisions of the Scientific Course, with the substitution of additional mathematical and scientific studies for Latin and Greek. Those who have completed the course are admitted to the degree of Bachelor of Science.

In the selection of optional studies in the above courses, the choice must be made with the approbation of the Faculty.

IV. The Eclectic Course is not limited to any definite time, and does not lead to any degree. It is designed to furnish advanced instruction in literature, science, and the arts to such students as do not intend to pursue a regular course of study, but desire to select certain branches. The College will furnish special students with such studies as they may elect only at the times announced in the Curricula, found on another page. Every student is required to select at least three studies from those taught during any given term, and these are to be pursued at the same time. Students will not be allowed to pursue studies for which they are not fully qualified by their previous training. A certificate will de given by the President at any time, stating what studies have been completed and the grade attained in them. This certificate will be accepted as equivalent to an examination, provided the holder, at any time, prefers to be transferred to either of the regular courses.

CURRICULA.

I. CLASSICAL COURSE.

FRESHMAN YEAR.

I. TERM—Geometry and Conic Sections,
Cicero de Senectute et de Am.,
Lysias' Orations,
Greek Prose Composition,
Lectures on the Essay.
Practical Ethics,
Hygiene,
Elocution,
English Composition.

II. TERM—Algebra,
Livy,
Herodotus or Thucydides,
Greek Testament.
Roman Antiquities,
Elocution,
English Composition.

III. TERM—Trigonometry,
Horace,
Odyssey,
Greek Testament.
Linear Perspective,
Elocution,
Composition.

SOPHOMORE YEAR.

I. TERM—General Chemistry,
Tacitus and Pliny,
Rhetoric.
Linear Perspective,
Elocution,
English Compostion.

II. TERM—Animal Physiology,
Demosthenes,
English Literature.
Greek Antiquities,
Elocution,
English Composition.

III. TERM—Botany,
Latin Poets,
German.
Mineralogy,
Elocution,
English Composition.

JUNIOR YEAR.

I. TERM—Mechanics,
French,
Sophocles or Euripides, or
German, or
Surveying.
French Literature,
Orations,
Elocution.

II. TERM—Physics,
Logic,
Terence and Juvenal, or
French, or
Analytical Geometry.
Electricity and Magnetism,
Orations,
Elocution.

III. Term—Astronomy, Development of the English Language,
Plato's Apology and Crito,
Physics, or Orations,
Calculus, or Elocution.
Analytical Chemistry.

SENIOR YEAR.

I. Term—Psychology, Social Science,
Geology, Orations,
Seneca or Lucretius, or Extemporaneous Speaking,
History of Mediæval Europe, or Elocution.
Practical Astronomy.

II. Term—Philosophy, Anthropology,
Economics, Sanitary Science,
Greek Lyric Poets, or Orations.
History of Modern Europe, or Extemporaneous Speaking,
Organic Analysis. Elocution.

III. Term—Ethics, Evidence of Christianity,
Civics, Orations,
Roman Law or Latin, or Debate.
English Oratory, or
Applied Chemistry.

II. SCIENTIFIC COURSE WITH LATIN OR GREEK.

The requirements as to Lectures, Oratory, Composition, etc., are the same in this as in the Classical Course.

FRESHMAN YEAR.

I. Term—Geometry and Conic Sections, German, and *Latin*, or *Greek.*

II. Term—Algebra, German, and *Latin*, or *Greek.*

III. Term—Trigonometry, German, and *Latin*, or *Greek.*

SOPHOMORE YEAR.

I. Term—Chemistry, Rhetoric and *Tacitus* and *Pliny*, or *Xenophon's Memorabilia.*

II. Term—Animal Physiology, English Literature and Analytical Geometry.

III. Term—Botany, Analytical Chemistry, and *Latin Poets*, or *Demosthenes.*

JUNIOR YEAR.

I. Term—Mechanics, French, and *Greek Drama*, or *German*, or *Surveying*, or Zoölogy.

II. Term—Physics, Logic, and *Terence and Juvenal*, or *French*, or *Organic Analysis.*

III. Term—Physics, Astronomy, and *Plato*, or *Calculus*, or *Biology.*

SENIOR YEAR.

I. Term—Psychology, Geology, and *Seneca*, or *History of Mediæval Europe*, or *Practical Astronomy.*

II. Term—Philosophy, Economics, and *Greek Lyric Poets*, or *History of Modern Europe*, or *Economic Geology.*

III. Term—Ethics, Civics, and *Roman Law or Latin*, or *English Oratory*, or *Comparative Anatomy.*

III. COURSE IN SCIENCE.

The requirements as to Lectures, Oratory, Composition, etc., are the same in this as in the Classical Course.

FRESHMAN YEAR.

I. Term—Solid Geometry and Conic Sections, German, and French.

II. Term—Algebra, German, and French.

III. Term—Trigonometry, German, and French.

SOPHOMORE YEAR.

I. Term—Rhetoric, Chemistry, and Surveying.

II. Term—English Literature, Physiology and Analytical Geometry.

III. Term—Botany, Analytical Chemistry, Calculus.

JUNIOR YEAR.

I. Term—Mechanics, German, and Zoölogy.

II. Term—Physics, Logic, and *French*, or *Organic Analysis*, or *Economic Botany.*

III. Term—Physics, Astronomy, and Biology.

SENIOR YEAR.

I. Term—Psychology, Geology, and *History of Mediæval Europe*, or *Practical Astronomy.*

II. Term—Philosophy, Economics, and *History of Modern Europe*, or *Economic Geology.*

III. Term—Ethics, Civics, and *English Oratory*, or *Comparative Anatomy.*

LECTURES.

THURSDAY MORNINGS.

The following Courses of Thursday morning Lectures have been established. The Lectures are given immediately after the Chapel exercises, are for one hour each, and continue through the year.

SENIOR CLASS.

I. TERM—Professor Perrine on Social Science.
II. TERM—The President on Anthropology.
III. TERM—The President on Christianity.

JUNIOR CLASS.

I. TERM—Professor Loomis on French Literature.

II. TERM—Professor Owens on Electricity and Magnetism.

III. TERM—Professor Perrine on the Origin and Development of the English Language.

SOPHOMORE CLASS.

I. TERM—Professor Bartol on Linear Perspective.

II. TERM—Professor Castle on Greek Antiquities.

III. TERM—Professor Groff on Mineralogy.

FRESHMAN CLASS.

I. TERM—Professor Perrine on the Essay and the Oration.

II. TERM—Professor Rockwood on Roman Antiquities.

III. TERM—Professor Bartol on Linear Perspective.

MONDAY MORNINGS.

SENIOR CLASS.

During the Second term, Professor Groff will deliver a course of lecures on Sanitary Science.

FRESHMAN CLASS.

During the First term, the President will give lectures on Practical Ethics, to be followed by lectures on Hygiene by Professor Groff.

SPECIAL LECTURES, 1888-1889.

Rev. James Calder, D. D., on "The Practical Experiences of a Missionary."

Rev. John Green, Ph. D., Colgate Academy, N. Y., on "The Study of English."

Rev. J. M. Stifler, D. D., Crozer Seminary, on "Hints on Bible Studying."

Prof. J. W. Heston, State College, on "The English Struggle for Liberty."

Prof. G. L. Maris, Friends' Central High School, on "Yellowstone National Park."

Rev John Humpstone, D. D., Brooklyn, N. Y., on "Darwin; His Life and Letters."

Rev. J. C. Long, D. D., Crozer Seminary, on "Emerson."

Departments of Instruction.

The method of instruction in the College is partly by text-books, and partly by lectures, according to the nature of the subject discussed. Each Professor has his individual mode of imparting knowledge, and this, in the result, is advantageous to the learner. In general, the aim is to discuss each subject as far as possible as the subject matter requires, yet all branches are presented practically, comparatively, and historically, with the view of leading the student to the apprehension of the subject as a whole, and in its organic relations, and not to fill the memory with the phraseology of a text-book. The range and character of the instruction can be most accurately gathered from the following account of the different departments.

I. ELOCUTION AND ORATORY.

The aim is to train the student to speak effectively either in the pulpit or upon the platform or at the bar. Each student receives individual attention during the first half of the course in Elocution, during the latter half in Oratory.

The Freshman Class meets on alternate Thursday mornings; and in each term two declamations are delivered by every member. A prize contest is held in the second term.

The Sophomore Class meets on alternate Thursday mornings; and each member is required to present one declamation a term. During the first term a public exhibition is held.

Each member of the Junior Class pronounces two orations in every term. During the year there are three public exhibitions, the last of which is a prize contest.

One oration a term is required from every member of the Senior Class, and two of these are delivered publicly. A prize for the best oration on Commencement day is offered.

Special attention is paid to Debates and Extemporaneous Speaking. During the third term of the Junior year, debates will be held on assigned topics; and during the Senior year, exercises in debate and extemporaneous speaking will be held in connection with the lectures on Anthropology and Social Science.

II. THE ENGLISH LANGUAGE AND LITERATURE.

The aim is to cultivate the power and habit of (1) accurate thinking, (2) correct and effective composition, (3) intelligent criticism of leading English authors; and to acquire (4) a scientific knowledge of the Origin and Development of the English Language. To this end,

I. Logic is required in the second term of the Junior year, and in both its branches, (1) Formal and (2) Applied, is discussed by text-book, class disputations, and references for collateral reading.

II. Rhetoric is pursued in the first term of the Sophomore year. Genung's Practical Rhetoric, and Rhetorical Analysis are used as a basis; and the student will be required, in addition, to present analyses of themes, criticisms of plans, and exercises in all the forms of Composition discussed.

III. English Literature is pursued in the second term of the Sophomore year, and only the representative authors of each successive period are studied. Less attention is paid to the text-book than to a critical reading, in the class, of the best work of each author; and as helps to this end, such texts as Lounsbury's Parlament of Foules, Kitchin's Faery Queene, Hudson's Shakespeare, Mackie's Macaulay's Essay on Milton, etc., are used, with Meiklejohn's The English Language as a basis. The student will be urged to know, rather than to know about, English Literature.

IV. English Oratory.—A careful study of the English Orators will be made, as far as time will permit, with reference to the peculiarities of each period and especially to those of the present day. Clarke's Political Orations is recommended.

V. The Essay and the Oration.—Six lectures are given to the Freshmen on "The Essay and the Oration," as an especial preparation for the practical work of the course.

VI. The Development of the English Language.—On the successive Thursday mornings of the third term, a course of lectures is given to the Junior Class upon this subject.

VII. Essays.—The Freshmen are required to present two essays in the first term, and three in the second and third terms, respectively; the Sophomores, three essays each term; the Juniors, two orations, and the Seniors one oration each term. These do not include the orations to be prepared for the exercises of Junior Exhibition and of Commencement. Both Essays and Orations are criticised with the author, if necessary.

VIII. English Prose.—A critical study of the development of English Prose, using either Saintsbury's or Garnett's English Prose, with class essays.

IX. Middle English.—The study of Skeat's Specimens of English Literature, 1394–1579, with special reference to the development of the Language.

X. Special Studies in prominent authors, as the needs and attainments of the class may require.

III. THE LATIN LANGUAGE AND LITERATURE.

The course, in this Department, includes five terms of required work and three of optional. At first, special attention is given to Etymology and Syntax. An opportunity is thus afforded for grammatical review and preparation is made for more exact work in subsequent terms. An accurate translation of the text into correct, idiomatic English is always required. There are frequent exercises in reading at sight and in translation at hearing.

Prose Composition forms a part of the work of the entire course. Connected passages in English, based upon the text, are given for translation into Latin. Questions and answers, in Latin, upon the constructions and subject-matter involved in the lesson, form a part of the regular work and afford a limited amount of practice in speaking Latin.

While an outline of Roman History is required for admission to College, additional historical instruction is given to classes reading Livy and Tacitus. Topics are assigned for investigation; courses of reading are suggested; and lectures on special subjects are given. The private life of the Romans is discussed in lectures and illustrated by wall-pictures, plates and photographs.

In the latter part of the course, Roman Literature receives due attention. The relation of Latin to ancient and modern languages is pointed out; its historical development is considered; the characteristics of different literary periods are noted and the leading writers discussed.

A course in Roman Law is offered to the Seniors, as an elective. The subject is treated historically. Instruction is given by text-book and by lectures.

The following text-books are used: Stickney's *Cicero de Senectute et de Amicitia;* Lincoln's Livy; Lincoln's Horace; Tyler's Tacitus; Holbrooke's Pliny; Crowell's Selections from Latin Poets; West's Terence; Hart's Juvenal; Hurst and Whiting's Seneca; Kelsey's Lucretius; Hadley's Roman Law.

IV. THE GREEK LANGUAGE AND LITERATURE.

In this Department it is expected that the student in his preparatory course has mastered the Attic forms, the most common principles of syntax, the "principal parts" of the most common irregular verbs, and the correct writing of simple Greek sentences. The first term of the Freshman year is partially devoted to a review of these subjects. Stevens' Select Orations of

Lysias are studied during this term and special attention is paid to the translation and syntax of the Greek verb.

During the second term of the Freshman year Mather's Selections from Herodotus and Thucydides are critically translated, all peculiarities of the dialect of Herodotus being carefully noted. Other features of the work of the term are: Literal translation, study of the formation and derivation of Greek words, and Grecian History. One hour each week during this term, and also during the following one, is devoted to the Greek New Testament. The object in placing the study of the Greek New Testament so early in the course is that the student may learn to translate it for himself as soon as possible, and that he may thus have an opportunity to continue this work privately during his course.

Merry's Odyssey and Seymour's Introduction to the Language and Verse of Homer are the text-books which are used in the third term of the Freshman year. Special attention is given to the metre, syntax, and style. The object sought is to help the student to understand and appreciate rather than to criticise the Homeric Poems.

During the second term of the Sophomore year the orations of Demosthenes, Tyler's edition, are critically read and studied as models of eloquence in the light of the history and politics of the Macedonian Period. Lectures are also given upon Grecian Antiquities and Literature.

The Greek Drama is the topic of study for the first term of the Junior year. The tragedies of Sophocles or Euripides are used as the basis, and for the present the text-book is White's Oedipus Tyrannus of Sopohocles. The origin and development of the drama, the Greek theatre, and the metres of the drama, are topics which receive special attention.

In the third term of the Junior year Dyer's Plato's Apology and Crito is used to introduce the student to Plato's style, and in connection therewith copious extracts from Xenophon's Memorabilia are read at sight. At this stage of the student's progress the class-room work takes a broader range, to be determined by the attainments of the class.

During the second term of the Senior year an optional course is offered, consisting of the Lyric Poets and Theocritus.

Those students whose standing will permit it may take as "honor studies," New Testament Greek, Protagoras of Plato, Pindar, Aristophanes, Symposium of Xenophon, etc.,—great freedom of choice being allowed.

Translation at sight and at hearing will be practiced during the whole course at such times as the needs of the various classes seem to require. The aim of this department is to give as thorough a knowledge of the Greek Language and Literature as the time allotted will permit, and, as far as possible, to make the student self-reliant and independent in his work.

V. MODERN LANGUAGES.

In the Classical Course there are daily recitations in both French and German for a period of thirteen weeks. Attention is given, first, to the elements of Grammar; afterwards, to the critical reading of some of the masterpieces of

either language. The method of instruction is inductive as well as deductive, and as large a proportion of attention as can profitably be so devoted within the limitations of a college course is aimed to be given in both languages to practical exercises. These embrace considerable drill in colloquial speech and an extended course in French and German Composition. This instruction is supplemented by a course of lectures in which some prominent feature in the history of either language is examined in detail. The subject treated varies from time to time. Last year it was "The Origin and Development of the French Language."

In all divisions of the Scientific Course the study of German is continued as a daily recitation through the Freshman year. The English Division of the Scientific Course likewise takes French as a daily recitation through the Freshman year. Other divisions of the Scientific Course recite French with Classical Students.

French and German may each, as optional studies, be pursued by all students in a daily recitation for an additional term. In place of German, Spanish may be substituted, and Italian in place of French.

VI. MEDIÆVAL AND MODERN HISTORY.

A somewhat extensive acquaintance with Ancient History is a requirement for admission. The historical course in College is devoted, first, to the History of Mediæval Europe, with a view to ascertaining the principles which have governed its social and political development; secondly, to the History of Modern Europe, with the object of showing how have been evolved the form and character of its states as they now exist. The method of study is a varied one, being by text-book, lectures, and topics assigned for individual research. These courses, extending each as a daily study through one term, are elective for Seniors.

VII. MATHEMATICS AND ASTRONOMY.

Solid Geometry and Conic Sections.—The exercises consist in recitations from the text book, the original demonstration of additional theorems, and applications in the solution of numerical problems. The properties of Conic Sections are discussed by the methods of Elementary Geometry, and with a view to their application in the problems of Mechanics and Astronomy.

Higher Algebra.—Some time is given to the graphical representation of the relations of quantities. The topics discussed are: The Theory of Quadratic Equations, Variations, Progressions, Permutations and Combination, Undetermined Coëfficients, The Binomial Theorem, Summation of Infinite Series, Logarithms, and the elements of the Theory of Equations.

Trigonometry.—The course includes Plane and Spherical Trigonometry. It is as extensive as that in our best schools, but does not include those

discussions and investigations which are important for specialists only. Time is given to the numerical illustrations of principles, for the purpose of making sure that the meaning and use of formulæ, demonstrated and learned, are thoroughly understood.

Surveying.—The use of instruments is taught. Measurements with the chain and compass are made, and areas computed. The measurements of heights and distances by means of the transit are made, the student computing his own field notes. Practice is given in leveling, and in laying out and dividing land. Lectures are given on Geodetic Surveying, and some observations are made for Latitude and Time.

Analytical Geometry and The Calculus.—The student will be taken through the elementary properties of lines as treated in Peck's Analytical Geometry. The Calculus is required only in the Science Course, and as an elective is open to all students who have taken the Analytical Geometry. The principles and methods of these subjects are applied in the discussion of some of the laws and general problems in Mechanics and Astronomy.

Astronomy.—The required course is completed with the subject of General Astronomy, but the aim is to treat Astronomy not merely as an application of mathematics, but as a science which forms an essential part of a finished education. This subject is taught by text-book, with illustrations in the Observatory, and some lectures. There is free use by the student, of the ten inch Equatorial Telescope, to verify the statements of Descriptive Astronomy.

Practical Astronomy.—Observations are made for Time, and to determine the errors of the Transit Instrument. The use of the Micrometer is taught and the value of one revolution of its screw is determined experimentally. The adjustments of the Equatorial for correct position are made. Observations are made for Azimuth, and for Latitude and Longitude. The student is required to make all such astromonical observations as are requisites in a practical acquaintance with the subject of Geodetic Surveying, and to reduce his notes in the use of the Nautical Almanac and methods of reduction not involving the Calculus. Time is given to calculations of eclipses and star occulations.

VIII. PHYSICS AND CHEMISTRY.

Physics.—In Physics the instruction comprises two terms' work in Mechanics, Sound, Heat, and Optics, and a course of experimental lectures on Magnetism and Electricity. Numerous problems are solved by the student, illustrating the practical applications of the theories and laws mentioned in the text. There is a well equipped Laboratory connected with the department, and all points in the lesson are illustrated before the class by experiments.

General Chemistry is taught by text-book and by lectures. Every chemical substance mentioned in the lesson is placed on the lecture table, to be examined by the student before the recitation. In the lecture room is a case of minerals illustrating the natural and commercial sources of the

elements and their more common salts. Students are required to make themselves familiar with all the chemical substances and minerals mentioned in their text-book or in the lectures. The lectures are designed to bring before the student all recent important advances in Theoretical and Practical Chemistry.

Besides the examination at the end of the term, students are expected to hold themselves in readiness for special examinations at any time. In addition to the recitations, there is offered also a short course in Chemical Manipulation, in which the student performs the experiments mentioned in his text-book, and thus becomes familiar with the use of the apparatus and learns how to experiment, thereby preparing himself to teach the science. This course occupies three hours a week during two and a half months.

Analytical Chemistry is open to those only who have completed and been examined in General Chemistry. In this course students examine sixty known solid and liquid substances, noting their various re-actions. They are then given unknown substances, several in one mixture, which they are required to determine. The course is completed when sixty unknown mixtures have been determined and correctly reported.

Applied Chemistry, covering some topics in Medical Chemistry and Toxicology, Soil Analysis, Water Analysis, and Analysis of Iron Ores, can be pursued by those who have completed the other two courses.

Quantitative Analysis comprises those determinations which will be most useful to the student of general culture. It also offers to the specialist an opportunity to become acquainted with the methods of separation and manipulation. It is open to those who have taken General and Analytical Chemistry.

IX. ORGANIC SCIENCE.

Physiology, Hygiene and Sanitary Science.—The great importance of these studies is recognized. Instruction is given by means of text-book and lectures. Hygiene in all its important branches is carefully studied. These studies are illustrated by means of an excellent skeleton, manikin, numerous dry and wet preparations, and fresh specimens. There has recently been executed under the direction of Professor Groff, a large number of charts designed to facilitate the pursuit of these studies. Modern Sanitary Science receives careful attention.

Botany.—There is no study which, when rightly pursued, can better develop and strengthen the perceptive powers of the mind than Botany. After a few weeks spent in the study of botanical terms and the anatomy of plant tissues, studied from plants and charts, the student commences to analyze plants. At first this is done in the class-room. Each student has the same plant, and also a blank schedule which requires an exhaustive analysis of the root, stem, leaf, flower, and fruit. One student reads off the characters of the plant from the plant itself, following the order of the schedule. In a few days students are able to do this readily. They may then perform the

analyses in their rooms. As an evidence of work done, the analyses are required to be written out in ink, and students cannot pass in the study until sixty of these are presented. The botanical text-book is used only for its key, by means of which the name of the plant is found, but the name is, by this method, the last thing obtained; all the visible characters are first studied. An advanced course in Plant Physiology and Anatomy is open to students qualified. A course of lectures on Plant Anatomy and Plant Physiology concludes this course. Henslow's charts and several compound microscopes form a part of the available equipment.

Geology.—Instruction is given by text-book and lectures, and supplemented by laboratory practice. The course opens with laboratory work in Mineralogy and Lithology. Each student is required to collect and to label correctly all the minerals and rocks within a radius of several miles of the College. All accessible fossils are carefully studied. Instruction in Field Geology is given in the field. The collection of minerals belonging to the College has just been re-arranged with special reference to this work. A course in Blowpipe Analysis is offered to advanced students, and is recommended to all who desire a reliable knowledge of minerals.

Zoölogy.—In this study, instruction by text-book and lectures is combined with laboratory practice. The laboratory is provided with material and with compound microscopes sufficient in number to afford opportunity to each student of devoting several hours a week to practical work. A small charge is made for the use of instruments.

An advanced course devoted to original research is offered to students qualified.

X. MENTAL AND MORAL SCIENCES.

The studies in this department are pursued in the Senior year and embrace Psychology, Philosophy, Anthropology, Ethics and Evidences of Christianity.

Daily recitations are had in Psychology during the first term of the Senior year. McCosh's "Cognitive Powers" is used as a guide to the student in interpreting the facts of his own consciousness. All the definitions are tested by the Socratic method of investigation. Formal lectures are given upon the Sensibilities and Will, and informal expository lectures upon the topics discussed in the text-book. Students are required to pursue an extensive course of collateral reading in works which can be obtained in the Library of the College. The course of reading for 1890 will consist of designated portions of Ladd's "Physiological Psychology," Bowne's "Introduction to Psychology," Sully's "Outlines of Psychology," and Porter's "Human Intellect." Oral discussions on assigned topics are held in which every member of the class is required to take part. Frequent written examinations, and theses on assigned subjects, test and deepen the student's knowledge. An honor course in Hamilton's "Lectures on Metaphysics" is offered to the Seniors during the Fall term.

The Seniors in the second term pursue the study of Philosophy, using McCosh's "First and Fundamental Truths" as a text-book, and following substantially the same plan as in the study of Psychology. An honor course in Bowen's "History of Philosophy" is offered during the Winter term.

Lectures on Practical Ethics are given to the Freshmen in the first term of the course. The Seniors devote the last term of the course to the philosophical study of Ethics, using Robinson's "Principles and Practice of Morality" as a text-book, with lectures and required collateral reading in the works of Martineau, Martensen and Janet.

Anthropology is made the subject of a course of lectures to the Seniors in the second term, and Evidences of Christianity in the third term of the Senior year.

XI. ECONOMICS AND POLITICS.

Economics is considered as the science of exchanges, and is followed into its practica applications in manufacturing, banking, national credit, and international commerce, with illustrations from well-known facts and current events. It is insisted that any stable system of economy must find its foundation in Ethical principles.

There will be held daily recitations from Andrew's Institutes of Economics, supplemented by lectures, and by debates on the part of the class.

Politics is considered as the science of government, but not in any partisan spirit. The different forms and theories of government are presented with historical examples; following which the Constitution of the United States is analyzed and the position of our government with reference to questions both foreign and domestic, is investigated in its historical development, much original work being required. Wilson's "The State," and Johnston's "History of the United States" are recommended.

The views of prominent socialists of the past and the present are presented in a series of lectures, with discussions of the various theories advanced.

Libraries and Apparatus.

THE LIBRARIES AND READING-ROOM.

The College Library contains about 9,250 bound volumes, besides several thousand unbound pamphlets. During the past year the sum of $500 has been expended in the purchase of new books. In making the selections, the design has been to supply some of the best collateral reading on the whole range of subjects included in college instruction. The Library is open daily.

The Theta Alpha Society's Library is deposited in the Society's Hall and contains about 600 volumes.

THE EUEPIAN SOCIETY'S LIBRARY is also in the Hall of the Society, and contains about 550 volumes.

THE LIBRARY OF THE YOUNG MEN'S CHRISTIAN ASSOCIATION consists mainly of works relating to Missions and Missionary fields, and contains about 300 volumes.

THE READING-ROOM, maintained by the College, provides a large supply of daily, weekly, and monthly periodicals, besides most of the leading Quarterlies and Reviews of this country and of Great Britain.

The late William H. Backus, M. D., of the class of 1853, left his entire estate, subject to certain charges and restrictions stated in his will, to the Trustees of the University for the benefit of the Library. It is thought that the value of the estate will prove to be $100,000. This entire sum will ultimately constitute an endowment fund, the income of which will be used for the improvement and enlargement of the Library. A considerable income is now available from this source.

THE MUSEUM.

The College possesses a good collection of illustrative materials in Botany, Mineralogy, Geology, and Zoölogy. The specimens are distributed under these classifications and that of Archæology as follows:

Botany,	1,329
Mineralogy,	2,910
Geology,	1,535
Zoölogy,	4,450
Archæology,	510
Total,	10,734

Additions to the Museum will always be thankfully received, especially of objects which can be utilized in the class-room.

Among these may be mentioned: Zoölogical specimens, especially marine and fresh-water forms of life, insects, skeletons of vertebrated animals, birds and mammals, botanical specimens, crystallized minerals, American and, especially Pennsylvania rocks.

Contributions have been received during the past year from Professor John G. Owens, South Jersey Institute; Miss Mary Williams, India; Rev. Thomas Downie, India; and Professor William C. Bartol, Bucknell University.

THE ART COLLECTION.

The beginning has been made of a collection of paintings, casts, engravings, and heliotypes, for the illustration of the Fine Arts. The specimens now in possession of the College number about five hundred, of all kinds, and furnish very considerable aid in illustrating the principles, and the history, of painting and sculpture.

LABORATORY AND APPARATUS.

The Laboratory is supplied with apparatus and chemicals for a thorough course of instruction in General Chemistry. Special attention is paid to experimental illustration, and each student is furnished with the requisite appliances to perform, under the direction of the Professor of this department, the experiments described in the text-book, and such others as may be necessary to elucidate satisfactorily the subject under study. The Chemical Laboratory has been fitted up for complete courses in Analytical, Applied, and Quantitative Chemistry.

Rooms have recently been fitted up for Anatomical and Physiological Laboratories; they are pleasant and well lighted, and are furnished with compound microscopes and other apparatus necessary for successful work. It is the intention to grant ample facilities in these studies.

The new Laboratory building, which, it is expected, will be ready for use at the opening of the collegiate year, September 11, 1890, will have on the main floor a lecture room capable of seating one hundred and twenty-five students; and a working room, in which there will be tables for individual work in Chemical Analysis. On the second floor there will be a lecture room for the Class in Physics, and one room each, suitably equipped, for Quantitative and Qualitative Analyses. In the basement there will be a Dark Room for experiments in Photometry, a room for Applied Chemistry, another for Electricity, and a Fire-proof Room. The rest of the building will be taken up with rooms for other purposes. It is intended that the building shall contain whatever is needed for a first-class Laboratory. The Laboratory is the gift of the Honorable William Bucknell.

ASTRONOMICAL OBSERVATORY.

The Observatory was founded in 1887 by the Honorable William Bucknell, of Philadelphia, for the instruction of the students in Practical Astronomy.

The entire equipment is new and represents the latest improvements in this class of instruments. It consists of a Clark Equatorial Telescope of 10 inches aperture and 12½ feet focal length, furnished with a fine position Micrometer and all the usual accessories; a Spectroscope with prism and grating by Brashear, the grating having 14,500 lines to the inch; a 3 inch Prismatic Transit with a 13 wire movable micrometer, by T. Ertel & Sons; a Fauth Chronograph with Bond spring governor; a Waldo Precision Clock for sideral time, with mercurial compensation, break circuiting apparatus, Daniell's battery, and telegraph sounders; a Seth Thomas Clock for solar time; a Sextant; a 3 inch Altitude Azimuth Refractor; a set of Meteorological instruments; Celestial globes and maps, and standard works on Theoretic and Practical Astronomy.

General College Orders.

ATTENDANCE.

Only under the most exceptional circumstances will excuse be granted to leave College during term time. In such exceptional cases the examinations on the studies gone over by the class, during a student's absence, will be specially searching, and a high degree of attainment will be exacted. One who is absent during an entire term must almost necessarily lose his standing in his class. The work of the term begins on the day of opening, and recitations are expected at the first hour appointed for the meeting of the classes. The work continues uninterruptedly, with the exception of holidays marked in the Calendar, until the last day of the term.

STANDING.

Each instructor records, in numbers ranging from 0 to 10, the character of the recitations of every student reciting to him, and notes also any delinquency in conduct and attendance. The weekly summary of these markings is recorded in a permanent book, and constitutes the basis for determining the standing of the student during his connection with the Institution. Unexcused absences from recitation are counted as zeros in making up the weekly averages. At the close of each term an average of these marks is made out, and a report of the scholarship, attendance, and conduct of each student is transmitted to his parent or guardian by the President. No student is advanced from one class to another whose average in any study is less than 7.

Conditioned students are not recommended to the Board of Trustees for promotion, and their names in the Annual Catalogue appear with those of the class to which the study in question belongs. Students conditioned on entrance must discharge such conditions within the first year thereafter.

Appointments in the Graduating Class are made according to the aggregate standing of each member during his entire course. But in assigning these parts, the Faculty take into account the deportment of the student as well as marks for recitations. The minimum average for an Oration of the First Class is fixed at 9, and for an Oration of the Second Class, at 8. Providing conduct and attendance upon College exercises have been satisfactory, the Valedictory Addresses are given to the one who is the highest in his class, and the Latin Salutatory, to the one who is next.

EXAMINATIONS.

The dates of the Examinations are given in the Calendar. In case a student fails to be present at the examination of his class, for any justifiable reason, his examination will be held at such time as the Faculty may appoint.

PUBLIC WORSHIP.

The College duties of each day are opened with religious services in Bucknell Hall, which all the students are required to attend.

Attendance upon public worship at some Church in town on Sunday morning is required. Students must attend the religious services held on Thanksgiving Day.

On the Day of Prayer for Colleges, religious services are held in the forenoon, and a sermon is preached by the President, or by some one at his request. All the students are required to attend. In the afternoon, a prayer meeting is held in Bucknell Hall, and in the evening another, in connection with one of the Churches in town, attendance upon which is urged, though not required.

There is maintained by the students a prayer meeting on Tuesday evenings, attendance on which is optional.

VOLUNTARY SOCIETIES.

Euepia; Theta Alpha. These are the two Literary Societies in College. They have meetings on Friday evening of each week for Orations, Essays, and Debates. Each Society has a convenient Hall and a valuable Library, and, by an arrangement of the Faculty, will always have a nearly equal number of members.

The Young Men's Christian Association comprises students from the College. It receives religious periodicals and corresponds with kindred Societies. A new Hall has recently been appropriated to the Society, and has been suitably furnished for religious meetings.

The Students' Publishing Association is an organization which has in charge the issuing of "The University Mirror." This periodical of some twenty or more quarto pages appears monthly during the collegiate year.

GOVERNMENT.

It is expected that all who enter the courses of study in the College do so for the purpose of acquiring an education, not only of the intellect, but also of character. The Laws of the College, enacted by the Board of Trustees, are as few and simple as the proper regulation of a community of young men will permit. These are printed, and a copy is placed in the hands of every student

at the beginning of each year. These Laws must be observed, not only in their letter, but in their spirit. The atmosphere of the Institution is not that of arbitrary restraint, but of reasonable conformity to reasonable laws. The College does not wish to place its stamp or bestow its honors upon any one who is not willing to deport himself as a gentleman. Each student is distinctly placed upon his manhood, and if he abuses his privileges, after reasonable caution, he must withdraw from the Institution.

AIDS AND HONORS.

PRIZES.

THE JOHN M. FINN PRIZES.

Mr. John M. Finn, of Philadelphia, of the Class of 1854, has established:

A First Prize, either in money or books, which is offered to the student who gives evidence of having the best ability to go on with the studies of the Freshman Year, and a Second Prize to the student who is next best able. For the past year the First Prize was awarded to Llewellyn Phillips, fitted for College at the Bucknell Academy; and the Second Prize to Charles Grant Shaffer, fitted for College at the Bucknell Academy.

THE PRIZE OF THE CLASS OF 1871.

This prize, established by the Class of 1871, consists of the sum of twelve dollars, to be awarded to the student of the Freshman Class who shall prove himself best prepared for College in the two branches, Latin and Mathematics, and who shall have received his preparatory training in the Bucknell Academy.

This prize for 1888-9 was awarded to Llewellyn Phillips.

THE DAVID HENRY EVANS PRIZE.

In memory of his deceased classmate, David Henry Evans, Rev. Henry M. Wolf, Jr., of the Class of 1880, has established an annual prize of ten dollars, to be awarded to that member of the Sophomore Class who shall write the best English composition on an assigned subject. The Committee of Award consists of the President, the Professor of Rhetoric, and one other chosen by themselves.

The subject for the year 1890 is, "The English Element in Bunyan's *Pilgrim's Progress.*" The compositions are limited to 2,000 words, and must be presented to the Committee on or before the first day of June.

This prize was awarded last year to Almon Odell Stevens.

THE TRIGONOMETRY PRIZE.

The prize of fifteen dollars, to be awarded to the member of the Class in Trigonometry who attains the highest grade in that study, was awarded last year to Almon Odell Stevens.

THE J. A. HORNBERGER PRIZE.

Mr. John A. Hornberger, of the Class of 1884, has established a prize of ten dollars for excellence in General Chemistry, to be awarded to the member of the class in that study who attains the highest grade.

This prize was awarded last year to Almon Odell Stevens.

THE FOWLER PRIZE.

The Rev. F. K. Fowler, Class of 1869, has established an annual prize of fifteen dollars, to be awarded to that member of the Junior Class who shall pronounce the best oration at the Junior Exhibition in Oratory.

At the exhibition, May 17, 1889, this prize was awarded to James Harry Haslam, with especially honorable mention of William Musser Courson.

THE HERBERT TUSTIN PRIZE.

In memory of his deceased son, the late Professor F. W. Tustin, Ph. D., of the Class of 1856, paid to the Trustees of the University the sum of five hundred dollars, "as the foundation of the HERBERT TUSTIN PRIZE FUND, the interest of which is to be forever paid annually as two prizes, in the proportion of twenty dollars for the First Prize, and of ten dollars for the Second Prize, to the two students of the Senior Class who shall have attained the highest and the second highest standing in Psychology, and Ethics (under such regulations for the pursuit of these studies as the Faculty of the College shall prescribe from time to time), and whose conduct for the last two years of their course in College shall have been without exception."

For the past year the First Prize was awarded to Raymond West, and the Second Prize to William Eugene Zeller.

CHAPLAIN J. J. KANE PRIZE.

The Rev. James J. Kane, Chaplain in the United States Navy, and a graduate of the Theological Department of this University of the Class of 1867, has established a Prize Fund of five hundred dollars, the interest of which is to be given annually to that member of the graduating class who delivers the best oration on Commencement Day.

This prize was awarded last Commencement to William Christian Gretzinger.

THE WILLIAMS PRIZE.

The Rev. Charles L. Williams, of Upland, Pa., has established an annual prize to be given that member of the Freshman Class who shall, on or before the first day of June in each year, present the best essay upon a topic to be selected by the Professor of Rhetoric. The Committee of Award will consist of the Professor of Rhetoric and two others to be designated by the Faculty.

The topic for the current year is, "The Characteristics of John Bright's *Oratory*."

This prize was awarded last year to Andrew Robert Elmer Wyant.

SCHOLARSHIPS.

The William Bucknell Scholarships, twenty in number and of one thousand dollars each, were established by the Honorable William Bucknell, of Philadelphia, Pa., in June, 1883, for the purpose of aiding worthy young men in

securing an education which will enhance their usefulness in the world. The income of these scholarships is to be paid annually to twenty young men in accordance with the following rules:

I. The candidates for these scholarships are to be members of Christian churches, in good standing.

II. They are not to be addicted to the use of spirituous liquors or tobacco in any form.

III. They are expected to conform to high standards of morals and courteous deportment in all respects.

IV. They are required to give such evidence of ability and attainments as the examiners hereafter appointed may demand.

V. These scholarships shall be available only to young men in the Collegiate Department of Bucknell University.

VI. All candidates are to present themselves in person before the Committee of Examiners at such times as they shall appoint.

VII. Violation of the College regulations shall be regarded as sufficient ground for the forfeiture of a scholarship.

VIII. In awarding these scholarships, the Committee will give the preference to candidates who do not receive aid from beneficiary societies.

IX. The Committee of Examiners shall consist of the President of the University, Mr. H. S. Hopper, and Professor F. E. Rockwood, or such successors as the remaining two of them may choose from among Baptist laymen, upon the resignation or decease of one of them, the President being a member *ex-officio*.

HONOR EXAMINATIONS.

At a meeting of the Faculty on December 8th, 1879, the following resolution concerning Honor Examinations was adopted:

Resolved, That in ordor to promote special scholarships in the several studies taught in the College, the following provision be made, to take effect during the present term and hereafter:

1. Any student who has attained an aggregate average of nine in all the studies of the previous term, may take special work in any Department of the College, under the direction of the Professor in that Department.

2. Such work must be assigned by the Professor, and the method of study prescribed by him.

3. If the student shall attain an aggregate average of nine in all the studies of the current term, and pass a satisfactory examination in the voluntary study before a committee appointed by the Faculty, the work shall be credited to him in the Annual Catalogue of the College.

4. But one such study shall be pursued by any one student during any one term.

5. The Professor under whom the student is working shall have the privilege of requiring a partial examination on the work done at any time during the term, and there may be regular recitations at the Professor's option.

6. The amount and quality of this extra work shall be taken into the account in awarding honors at graduation.

The following Honor Examinations have been sustained during the past year:

With Professor Loomis: Joseph Maxwell Ashton, William Charles Leinbach, and Charles Abbot Walker in *L'abbé Constantin de Halévy;* Willard Carey MacNaul and Foster Henry Starkey in *Göthe's Hermann und Dorothea*, and in *Le Cid de Corneille* and *Le Misanthrope de Molière;* William Christian Gretzinger in *The History of Mediæval Europe.*

With Professor Groff: Andrew Robert Elmer Wyant in *Systematic Botany;* James Harry Haslam in *Economic Geology.*

With Professor Bartol: Thomas Quintin in *Practical Astronomy.*

With Professor Rockwood: William Charles Leinbach, and Thomas Quintin in *Tertullian;* William Musser Courson, William Forder Mets, and Foster Henry Starkey in *Ovid.*

With Professor Perrine: Ralph Charles Henry Catterall, Elisha Moore Lake, and Almon Odell Stevens in *Middle English*; Thomas Quintin, Raymond West, Willard Carey MacNaul, William Forder Mets, Charles Witcraft Haines, and Abraham Lincoln Moore in *The English Essayists*; William Musser Courson, and John Irven Woodruff in *English Prose.*

With Professor Castle: Foster Henry Starkey, and Almon Odell Stevens in *Select Orations of Lysias.*

Thirty-Ninth

ANNUAL · COMMENCEMENT

WEDNESDAY, JUNE 26, 1889.

HONORS AT GRADUATION.

The Latin Salutatory—WILLIAM CHARLES LEINBACH.
The Valedictory Addresses—RAYMOND WEST.

ORATIONS OF THE FIRST CLASS.

RAYMOND WEST.
THOMAS QUINTIN.
OWEN EVANS ABRAHAM.
WILLIAM CHRISTIAN GRETZINGER.
WILLIAM CHARLES LEINBACH.
JOSEPH MAXWELL ASHTON.
WILLIAM EUGENE ZELLER.
CHARLES ABBOT WALKER.

ORATIONS OF THE SECOND CLASS.

JOSEPH MEIXELL WOLFE.
THOMAS WINFIELD BOOTH.
OLIVER BLACKBURN FINN.
FRANK BENTLEY HARGRAVE.
EDWIN HEISTER GUIE.
JESSE OLIVER SHIPMAN.

MASTER'S ORATION.

ALBERT WITHERSPOON PEGUES, A. M., Raleigh, N. C.

DEGREES CONFERRED.

I. IN COURSE.

BACHELOR OF SCIENCE.

OWEN EVANS ABRAHAM.
WILLIAM CHRISTIAN GRETZINGER.
JESSE OLIVER SHIPMAN.

BACHELOR OF ARTS.

JOSEPH MAXWELL ASHTON.
OLIVER BLACKBURN FINN.
FRANK BENTLEY HARGRAVE.
THOMAS QUINTIN.
JOSEPH MEIXELL WOLFE.
THOMAS WINFIELD BOOTH.
EDWIN HEISTER GUIE.
WILLIAM CHARLES LEINBACH.
CHARLES ABBOT WALKER.
RAYMOND WEST.
WILLIAM EUGENE ZELLER.

II. HONORARY.

BACHELOR OF ARTS.

WILLIAM CAROTHERS HOLLOPETER, M. D., Philadelphia.

MASTER OF ARTS.

KATHERINE BLOOMFIELD LARISON, Lewisburg.

DOCTOR OF PHILOSOPHY.

Prof. FREEMAN LOOMIS, Lewisburg.

DOCTOR OF DIVINITY.

Rev. JOHN BARTHOLOMEW GOUGH PIDGE, Philadelphia.

Expenses.

The Study Rooms are so arranged that two students occupy the same study.

The Dormitories are intended to accommodate only one person, so that each student has his own private sleeping room. These are furnished with a bedstead. The student must supply himself with all other furniture.

Students are responsible for damage to their rooms, whether it be done when they are present in the room or absent from it.

The College charges amount to eighty dollars per annum, and are apportioned as follows:

	Per Annum.
Tuition,	$50 00
Room-rent, Fuel, and Incidentals,	30 00
	$80 00

These charges must be paid in advance at the beginning of each Term.

No student is entitled to his place in his class until he has made settlement with the Registrar.

A slight additional charge is made for rooms cared for by the Institution.

No deduction will be made except in case of protracted illness.

If a student occupy a study by himself, the charges for room-rent and private fuel will be doubled. The assignments are for one year, and are made on Monday morning of Commencement week immediately after the devotional exercises in Bucknell Hall. Students from a distance will save inconvenience by applying to the Registrar for a room before the Term opens.

Free scholarships, covering tuition, are also provided in all the Departments of the University for children of Ministers of the Gospel, *in actual service.*

In the laboratories students pay for chemicals used and for apparatus broken or damaged. In the Chemical Laboratory this will amount to about $12.00 for Analytical and $2.75 for General Chemistry, depending upon the care of the student.

Before entering upon the experimental courses students must deposit with the Registrar security for materials used.

The Expenses for Music and Printing for Examinations and Anniversary occasions, are paid by the classes for which such expenses are incurred.

Graduation fee and Diploma, five dollars. Degree of Master of Arts and Diploma, five dollars.

Many students board in clubs at a cost of from $2.00 to $2.25 per week. Excellent boarding can be obtained in private families, or at the table of the Bucknell Academy, at $3.00 per week. Washing is done at 25 cents per week. No boarding is allowed in the College Buildings. It will be matter of economy to bring some articles of furniture, especially bedding and carpets from home. The dimensions of the study rooms are twelve feet by twelve feet; of the dormitories, twelve feet by six feet; of the bedsteads, seventy-five inches by thirty inches.

For information respecting the College, address the President, John H Harris, Ph. D.

THE ACADEMY.

Instructors and Other Officers.

JOHN HOWARD HARRIS, Ph. D.,

PRESIDENT OF THE UNIVERSITY.

WILLIAM EMMET MARTIN, A. M., Principal,

HISTORY, LATIN AND RHETORIC.

THOMAS FRANKLIN HAMBLIN, A. M.,

GREEK AND SCIENCE.

ALBERT BURNS STEWART, A. M.,

LATIN AND MATHEMATICS.

LINCOLN HULLEY, A. B.,

ENGLISH AND SCIENCE.

JOHN HOWARD BLACKWOOD,

SHORTHAND AND TYPE-WRITING.

ADA CARLTON GROOM, A. B.,

ELOCUTION.

Mrs. ANNIE M. BLACK,

MATRON.

WILLIAM CHRISTIAN GRETZINGER, B. S.,

REGISTRAR.

STUDENTS.

THE FOURTH FORM.

NAME.	RESIDENCE.	ROOM.
Benjamin Alsup Baldwin,	*Litchfield*,	Rev. A. J. Furman.
Mary L. Bartol,	*Lewisburg*,	Prof. W. C. Bartol.
Everett Adams Bush,	*Coudersport*,	No. 3, Main Hall.
Raymond John Davis,	*Philadelphia*,	No. 28, West Wing.
Albert Edward Finn,	*Philadelphia*,	No. 29, West Wing.
Thomas Stradling Fretz,	*Gardenville*,	No. 5, West Wing.
Herbert Linton Hallowell,	*Philadelphia*,	No. 15, East Hall.
Theodore Heysham,	*Norristown*,	No. 12, West Wing.
Robert Auten Hoffa,	*Lewisburg*,	No. 11, Main Hall.
George Cash Horter,	*Philadelphia*,	No. 15, West Wing.
Gilbert Fenimore Kendall,	*Lewisburg*,	Rev. J. L. Kendall.
James Meeker Kendall,	*Lewisburg*,	Rev. J. L. Kendall.
Harry Hartman Kinney,	*Sunbury*,	Mr. Martin Kinney.
Alonzo Corodyn Lathrop,	*Camden, Del.*,	No. 4, West Wing.
James Mac Innis,	*Philadelphia*,	No. 13, Main Hall.
Charles Edward Magill,	*Haddonfield, N. J.*,	No. 12. East Hall.
Charles Franklin McMann,	*Philadelphia*,	No. 14, West Wing.
Franklin Reese Strayer,	*Saltillo*,	No. 4, Main Hall.
George Henry Waid,	*Reading*,	No. 15, West Wing.
Charles Wesley Williams,	*Philadelphia*,	No. 12, West Wing.
Joseph Roberts Wood,	*Norristown*,	No. 6, West Wing.
Albert Harnish Wynkoop,	*Philadelphia*,	No. 11, West Wing.

THE THIRD FORM.

NAME.	RESIDENCE.	ROOM.
Ezra Allen,	*Coudersport*,	No. 3, Main Hall.
Herbert Keeley Bower,	*Lewisburg*,	Mr. A. E. Bower.
Charles Franklin Hall,	*Philadelphia*,	No. 16, East Hall.
William Theophilus Harris,	*Frankford*,	No. 11, East Hall.
Alfred Hayes, Jr.,	*Lewisburg*,	Hon. Alfred Hayes.
William Albert Kauffman,	*Strode's Mills*,	No. 12, East Hall.
Edward Gridley Kendall,	*Lewisburg*,	Rev. J. L. Kendall.
Ira Clayton Leedom,	*Southampton*,	No. 29, West Wing.
Andrew Gregg Loomis,	*Lewisburg*,	Dr. J. R. Loomis.
Kate Irene McLaughlin,	*Lewisburg*,	Mr. G. Y. McLaughlin.
Andrew Reed McNitt,	*Siglerville*,	No. 12, Main Hall.
Sara Merriman,	*Lewisburg*,	Rev. J. R. Merriman.
Edward Arthur Morley,	*Philadelphia*,	No. 4, East Hall.
John Morris,	*Brisbin*,	No. 9, Main Hall.
James Lawrence Parker,	*Philadelphia*,	No. 16, East Hall.
David Phillips,	*Plymouth*,	No. 13, West Wing.
Louis John Richards,	*Priceburg*,	No. 30, West Wing.
Joseph Kennard Rush,	*Falling Waters, W. Va.*,	No. 7, Main Hall.
William Clifford Scotney,	*Moore's*,	No. 9, East Hall.
Harry Elwood Shalter,	*Limestoneville*,	No. 11, Main Hall.
Franklin Isaac Sigmund,	*Philadelphia*,	No. 5, West Wing.
David Atkinson Solly,	*Philadelphia*,	No. 9, East Hall.
George Alexander Spratt,	*Coatesville*,	No. 6, Main Hall.
Milton Phillips Strayer,	*Lewistown*,	No. 22, West Wing.
Petrus Alfred Wahleen,	*McKeesport*,	No. 5, Main Hall.

THE SECOND FORM.

NAME.	RESIDENCE.	ROOM.
Orison Ephraim Bishop,	*Athens*,	Rev. A. J. Furman.
Kurtz Crook Buckingham,	*Lewisburg*,	Mrs. Buckingham.

NAME.	RESIDENCE.	ROOM.
Howard Bucknell,	*Philadelphia*,	No. 14, East Hall.
Alfred Henry Catterall,	*Port Allegheny*,	No. 19, West Wing.
Harry Thomas Colestock,	*Crooked Creek*,	No. 14, West Wing.
Alfred Joel Feight,	*Lewisburg*,	Rev. J. W. Feight.
George Pendleton Foresman,	*Williamsport*,	No. 10, East Hall.
Charles Boyd Galloway,	*Moore's*,	No. 8, East Hall.
Elwood Tyson Haddock,	*Media*,	No. 21, West Wing.
Thomas Lewis Josephs,	*Lindsey*,	No. 9, Main Hall.
Boyd Wardle Kinports,	*Grant*,	No. 10, Main Hall.
George Lewis Megargee,	*Coatesville*,	No. 10, Main Hall.
Edward St. George Miller,	*Lewisburg*,	Rev. Howard Miller.
Harry Bingham Myers,	*Philadelphia*,	No. 11, East Hall.
Wallace Franklin Oswald,	*Coatesville*,	No. 6, Main Hall.
Joseph Newbury Pearce,	*Philadelphia*,	No. 7, Main Hall.
Grantham Israel Taggart,	*Savannah, Ga.*,	No. 14, East Hall.
James Wells VanValzah,	*Hughesville*,	No. 12, East Hall.
Joseph Addison Weaver,	*Mattoon, Ill.*,	No. 12, East Hall.
Charles Webster,	*E. New Market, Md.*,	No. 8, Main Hall.
John Bemus Woodard,	*Bradford*,	No. 10, East Hall.

PURSUING SELECT STUDIES.

NAME.	RESIDENCE.	ROOM.
Voorhees Schenck Anderson,	*Camden, N. J.*,	No. 4, East Hall.
Harry Franklin Carver,	*McEwensville*,	No. 10, East Hall.
Willie Evans Colburn,	*Lewisburg*,	Rev. N. W. Colburn.
William Henry Culp,	*Sunbury*,	No. 31, West Wing.
Abner James Davis,	*Philadelphia*,	No. 28, West Wing.
George Patterson Dawson,	*Lewisburg*,	Miss S. J. Dawson.
Horatio Warren Gass,	*Sunbury*,	No. 13, East Hall.
Wilson Haupt,	*Sunbury*,	No. 31, West Wing.
R. Crittenden Houck,	*Newton Hamilton*,	No. 6, Main Hall.

NAME.	RESIDENCE.	ROOM.
Lewis Jacob Keiser,	*Lewisburg*,	Mr. William Keiser.
John William Lahr,	*Lochiel*,	No. 7, Main Hall.
Joseph Frank Mackelduff,	*Moore's*,	No. 8, East Hall.
William Stadden Martz,	*New Columbia*,	Home.
John Kase McWilliams,	*Elysburg*,	No. 28, West Wing.
Ralph Lachelle Mellick,	*Sunbury*,	No. 13, East Hall.
Morgan Frederick Mount,	*Washington, D. C.*,	No. 4, East Hall.
Wilmer Ranck Roland,	*Lewisburg*,	Mr. Weidler Roland.
John Herman Schuman,	*Wyoming*,	No. 3, Main Hall.
Milton Clarke Swigart,	*McVeytown*,	No. 12, East Hall.

SUMMARY:

The Fourth Form	22
The Third Form	25
The Second Form	21
Pursuing Select Studies	19
Total in Academy	87
In other Departments	199
Total in all Departments	286

Courses of Study.

The Academy is designed to fit pupils for College, for Teaching, or for Business. It affords two Courses of Study:

I. The Classical Preparatory Course extends through four years and is arranged to meet the requirements for admission to College. The study of Latin begins with the Second Form and continues for three years. The study of Greek begins with the Third Form and continues for two years. Notwithstanding the time given to these important branches of study, fully one-half of the time of the entire course is devoted to English, Historical, Mathematical, and Scientific subjects.

II. The Scientific Preparatory Course extends through four years and furnishes adequate preparation for either division of the Scientific Course in College. The First and Second Forms of the Classical and the Scientific Courses are identical. In the Third and Fourth Forms the student preparing for the Latin Division substitutes Historical and Scientific subjects for the Greek of the Classical Course; while the student preparing for the Greek Division substitutes the Greek of the Third and Fourth Forms for the Latin and includes the Historical and Scientific subjects.

Students may enter that Form which they are prepared to pursue with profit.

Students who are able to accomplish more work in the allotted time than is required by the Classical Course are encouraged to add the special studies of the Scientific Course. They may also pursue extra honor work in the Classics by reading, under an instructor's direction, Cæsar's Civil War, Cicero's Letters, or Sallust, and Books IV, V, VI of the Iliad, or the Hellenica.

Students who are preparing for the English Scientific Course in College can elect the necessary studies from the regular Curricula of the Academy.

Students who do not intend to enter College, but who desire a comprehensive Academic training, will find the Scientific Preparatory Course, with Latin, well adapted to prepare them for teaching or for business.

Transient students may elect such studies as they are qualified to pursue from the studies in actual progress in any given Term.

Curricula.

I. CLASSICAL PREPARATORY COURSE.

FIRST FORM.

I. Term—	Arithmetic,	Wentworth,
	English Grammar,	Outlines and Exercises,
	Geography,	Appleton.
II. Term—	Arithmetic,	Wentworth,
	English Grammar,	Outlines and Exercises,
	History of the United States,	Barnes.
III. Term—	Arithmetic,	Wentworth,
	English Grammar,	Whitney's Essentials,
	History of the United States,	Barnes.

SECOND FORM.

I. Term—	Higher Arithmetic,	Olney's Science,
	Latin—Lessons,	Tetlow,
	Grammar,	Allen and Greenough,
	Physical Geography,	Appleton.
II. Term—	Book-Keeping,	Bryant,
	Latin—Lessons,	Tetlow,
	Grammar,	Allen and Greenough,
	History of Greece,	Smith's Smaller.
III. Term—	Rhetoric,	Hill's Elements,
	Cæsar's Commentaries,	Kelsey,
	History of Rome,	Smith's Smaller,
	Elementary Botany,	Gray.

THIRD FORM.

I. Term—	Algebra,	Sheldon's Elements,
	Cæsar's Commentaries,	Kelsey,
	Greek—Lessons,	Boise and Pattengill,
	Grammar,	Hadley-Allen.
II. Term—	Algebra,	Sheldon,
	Vergil's Æneid,	Greenough,
	Greek—Lessons,	Boise and Pattengill,
	Grammar,	Hadley-Allen.
III. Term—	Natural Philosophy,	Sharpless and Philips,
	Vergil's Æneid,	Greenough,
	Xenophon's Anabasis,	Kelsey.

FOURTH FORM.

I.	Term—Algebra, Quadratics,	Sheldon,
	Latin—Vergil's Æneid,	Greenough,
	Prosody,	Allen and Greenough,
	Xenophon's Anabasis,	Kelsey.
II.	Term—Plane Geometry,	Wentworth,
	Latin—Cicero's Orations,	Allen and Greenough,
	Prose Composition,	Collar,
	Homer's Iliad,	Seymour.
III.	Term—Plane Geometry,	Wentworth,
	Cicero's Orations,	Allen and Greenough,
	Greek—Homer's Iliad,	Seymour,
	Prose Composition,	Jones.

II. SCIENTIFIC PREPARATORY COURSE.

FIRST FORM.

I.	Term.—Arithmetic,	Wentworth,
	English Grammar,	Outlines and Exercises,
	Geography,	Appleton.
II.	Term—Arithmetic,	Wentworth,
	English Grammar,	Outlines and Exercises,
	History of the United States,	Barnes.
III.	Term—Arithmetic,	Wentworth,
	English Grammar,	Whitney's Essentials,
	History of the United States,	Barnes.

SECOND FORM.

I.	Term—Higher Arithmetic,	Olney's Science,
	Latin—Lessons,	Tetlow,
	Grammar,	Allen and Greenough,
	Physical Geography,	Appleton.
II.	Term—Book-Keeping,	Bryant,
	Latin—Lessons,	Tetlow,
	Grammar,	Allen and Greenough,
	History of Greece,	Smith's Smaller.
III.	Term—Rhetoric,	Hill's Elements,
	Cæsar's Commentaries,	Kelsey,
	History of Rome,	Smith's Smaller,
	Elementary Botany,	Gray.

THIRD FORM.

I.	TERM—Algebra,	Sheldon's Elements,
	Cæsar's Commentaries,	Kelsey,
	History of England,	Guest.
II.	TERM—Algebra,	Sheldon,
	Vergil's Æneid,	Greenough,
	Astronomy,	Sharpless and Philips.
III.	TERM—Natural Philosophy,	Sharpless and Philips,
	Vergil's Æneid,	Greenough,
	Physiology,	Walker.

FOURTH FORM.

I.	TERM—Algebra, Quadratics,	Sheldon,
	Latin—Vergil's Æneid,	Greenough,
	Prosody,	Allen and Greenough,
	English Literature,	Outlines.
II.	TERM—Plane Geometry,	Wentworth,
	Latin—Cicero's Orations,	Allen and Greenough,
	Prose Composition,	Collar,
	Civil Government,	Johnston.
III.	TERM—Plane Geometry,	Wentworth,
	Cicero's Orations,	Allen and Greenough,
	Geology,	Le Conte.

SPECIAL BRANCHES.

BIBLE STUDY.—The study of the Bible is pursued as a regular weekly recitation throughout the Second, Third and Fourth Forms, in both courses of study. Smith's Smaller Scripture History is the text-book used. The Second Form have recitations covering the sacred narrative from Genesis to Judges; the recitations of the Third Form complete the Old Testament; those of the Fourth Form complete the New Testament.

LITERATURE STUDY.—The reading and study of the Masterpieces of English and American Literature is maintained in the Second, Third and Fourth Forms by weekly conferences.

THE STUDY OF MUSIC may be pursued by Academic students under the instruction of Professor E. Aviragnet and his Assistant of the Music School of the Institute.

DRAWING.—All students of the Academy may receive throughout the year weekly lessons in Free-hand Drawing. Special individual instruction in Drawing is afforded at twenty-four dollars per annum.

Oratory.

CLASS EXERCISES.

Members of the Fourth Form prepare and deliver two original orations each term. All other students have regular exercises in Composition and Declamation throughout the year. These exercises are held in Bucknell Hall on Saturday mornings before the assembled faculties and students of the Institute and the Academy. Visitors are cordially welcomed to these exercises.

In addition to the private rehearsals for the work above indicated, all students receive weekly instruction in Elocution. The course includes careful drill in the Elementary Sounds, in Articulation, and in Expression; Analytical Reading, including the Bible and Hymns, and the study of Shakespeare.

Special individual instruction in Elocution is offered at fifty cents a lesson.

PUBLIC EXHIBITIONS.

THIRD FORM.

The Public Exhibition of the Third Form in Declamation will take place on Saturday evening, April 26th, 1890, in Commencement Hall.

FOURTH FORM.

The closing exercises of the Academy will be the Public Exhibition of the Fourth Form in Oratory, on Saturday evening, June 21st, 1890.

General Information.

ADVANTAGES.

To the student seeking preparation for College, the Academy offers unusual inducements. Its proximity to the College secures to him an atmosphere of study, acquaintance with the guides and companions of his future course, and the benefit of numerous literary exercises to be found only in College towns. He has access to the College Library and Reading Room. The Academy is designed to fit its pupils thoroughly for College, for Business, or for Teaching. It aims to lay broad and solid foundations for all subsequent scholarly culture, and for the successful conduct of every-day affairs.

GOVERNMENT.

Students are encouraged to regard self-government as the only true government. It will be the constant endeavor to secure uprightness of character, gentlemanly deportment, and diligent application to work, by kind treatment, and high standards in conduct and study. The Academy cannot knowingly accept or retain incorrigibles.

BUILDINGS AND ROOMS.

The Academy Buildings are described in detail under the "University Property" in the introductory pages of this Catalogue.

The Main Building contains, besides its accommodations for other school and boarding purposes, furnished rooms for twenty students. These rooms are designed to accommodate two students each, and are twenty feet by twelve feet, by fourteen feet high. They are sub-divided into a study room twelve feet by ten feet, and a dormitory nine feet square. The dormitory contains a double bed with woven wire mattress. Both rooms are provided with all necessary furniture.

The New East Hall contains combined study and sleeping rooms, each designed for two students. These rooms are fifteen feet by twelve feet, with high ceilings; and contain two commodious closets and two single wire mattress beds, with all necessary furniture.

UNFURNISHED ROOMS.

The Academy has at its disposal a number of unfurnished rooms in the West Wing of the College Building, for the accommodation of students of mature years and of limited means. No attention by servants is given to these rooms, nor are lights supplied. Two students occupy a study room in common, but each has a separate dormitory. The dormitories are provided with a single bedstead. All other furnishing is to be done by the occupants. While second-hand articles of furniture may be obtained here, it will be to the student's advantage to bring from home bedding and carpets. The dimensions of the study rooms are twelve feet by twelve feet; of the dormitory, twelve feet by six feet; of the bedsteads, seventy-five inches by thirty inches.

BOARDING.

All students from a distance will occupy rooms and will board in the Academy, except for reasons jointly satisfactory to the President of the University and the Principal of the Academy.

The Principal and his family, the Instructors, and the Matron live in the building, take their meals with the boarders, and strive in all possible ways to secure the welfare and happiness of the students. The Instructors occupy rooms adjacent to the students' apartments. The appointments of the Dining Room, the character of the table supplies, the household service in general are designed to furnish the comforts of a first-class boarding house. So far as may be warranted by the gentlemanly deportment of the students, there will be absent from the home life of the school all needless uniformity and irksome limitations, which disregard the reasonable individual preferences of pupils.

The Academy gives to furnished rooms daily and complete attention, provides and washes all bedding and bed clothing, and supplies and cares for all lights.

Pupils over twenty years of age may room in the College Building, and in that case will be subject to the same restrictions as College students.

Engagements for board and rooms are expected to continue without change to the end of the school year in which they are made.

APPLIANCES.

The Academy is in possession of excellent apparatus for instruction. A select Reference Library, containing an Encyclopedia, Lexicons, Dictionaries, Atlases, and various other helps, is accessible to students at all hours. The Classical Recitation Room is provided with Kiepert's Wall-Maps of Ancient Geography, and with Reinhard's Album of Classical Antiquities, mounted. Metric apparatus, Maps, and Globes render assistance in other directions.

The Physical apparatus of the College also is accessible to the class in Natural Philosophy for purposes of experiment and illustration.

The books of the College Library are available for all students.

HOURS.

The time devoted to study and recitation amounts to $9\frac{1}{4}$ hours every week-day, except Saturday, when it is only $1\frac{1}{4}$ hours. This time should be sacred to its purpose. Parents of day pupils are requested to coöperate with the school in securing attention to evening study hours, and to avoid furnishing excuses or granting occasions for absences.

Students from a distance should be in Lewisburg on the day preceding the opening of each term, and no student should leave until the term shall have closed. Punctuality in attendance is essential to success in school work.

For Terms and Vacations see the Calendar of the University.

STANDING AND PROMOTION.

The weekly averages of marks for recitations are recorded, and also failures in conduct and attendance. The scale for such markings ranges from 10, or perfect, to 0, or inexcusable failure. Unexcused absences count as zeros.

Monthly and Term Examinations are held in the studies thus far completed, and quarterly reports of the average in scholarship, attendance, and conduct of each student are sent to parents or guardians by the Principal.

No student is promoted to the next higher class whose average in any study is less than 7. A review of the study and a satisfactory examination will be necessary to secure the advanced standing desired.

Students who complete the Preparatory Courses of Study are admitted to standing in corresponding divisions of the Freshman Class in the College, upon the Principal's certificate, without separate examination.

All students who complete in a satisfactory manner either the Classical, or the Scientific course of study, and who have sustained irreproachable characters during their school residence, shall be entitled to a certificate setting forth their proficiency in the branches studied.

Students attaining an average standing of 9 are encouraged to devote spare time to work additional to the Regular Courses of Study. Honorable Mention is accordingly awarded to David Atkinson Solly, of the Third Form, for examination sustained with Instructor Stewart in Sallust's Catiline.

PRIZES.

THE HARRY S. HOPPER PRIZE.

For the year 1889–90 Mr. Harry S. Hopper, of Philadelphia, offers a prize of ten dollars for excellence in composition.

This prize for 1889 was awarded to Howard Wilson Sneck.

THE REV. D. P. LEAS PRIZE.

Rev. David P. Leas, of Philadelphia, Treasurer of Bucknell University, offers an annual prize of ten dollars to that member of the Third Form who shall excel in the annual Exhibition of the Third Form in Declamation.

This prize for 1889 was awarded to Theodore Heysham.

THE PRINCIPAL WILLIAM E. MARTIN PRIZE.

Principal William E. Martin offers an annual prize of ten dollars to that member of the Fourth Form who shall pronounce the best oration at the Academic Graduating Exhibition.

This prize for 1889 was awarded to Howard Wilson Sneck.

THE REGISTRAR'S PRIZE.

For the year 1889–90 Mr. William C. Gretzinger, Registrar of the University, offers a special prize of ten dollars to that member of the Fourth Form who shall write the best essay upon a scientific topic. The topic is "The Gardens of the Sea."

LITERARY SOCIETIES.

Hermenia; Adelphia.—These are voluntary organizations of students for mutual improvement in Literary and Oratorical exercises. They have large and convenient halls in the Academy building, where they hold their meetings on Friday evenings.

RELIGIOUS SERVICES.

The duties of each day are opened with devotional exercises in Bucknell Hall, at which all students are required to be present.

Regular attendance upon public worship at some Church in town, on Sunday morning, is required; also upon services on Thanksgiving Day, and the Day of Prayer for Colleges. Attendance upon Sunday School, and mid-week Prayer Meetings, while voluntary, is strongly urged upon students.

The Academic students maintain a branch of the Young Men's Christian Association, which holds a weekly prayer meeting on Tuesday evenings.

EXPENSES.

	Per Annum.
Tuition, Board, Furnished Rooms, Fuel, Lights, Care, Washing, and Incidentals,	$225 00
Tuition, Board, Unfurnished Rooms, Fuel, Washing, and Incidentals,	180 00
Tuition, Fuel and Incidentals to Day Pupils,	50 00

All charges are payable to the Registrar of the University in advance, at the beginning of each term; or by the 15th of September, January, and April.

No student is entitled to his place in his class until he has made settlement for the term bills.

If a student occupy a study by himself, the charges for room-rent and private fuel will be doubled.

Young men of good character and earnest purpose, but not possessing sufficient means to obtain an education, are invited to correspond with the Principal.

Free scholarships covering tuition are provided in all the Departments of the University for the children of Ministers of the Gospel *in actual service.*

The expenses for Music and Printing for Exhibitions and Anniversary occasions, are paid by the classes for which such expenses are incurred.

For information respecting the Academy, address the President of the University, or the Principal, William E. Martin, A. M.

THE INSTITUTE.

Instructors and Other Officers.

JOHN HOWARD HARRIS, Ph. D.,

PRESIDENT OF THE UNIVERSITY, AND INSTRUCTOR IN PSYCHOLOGY AND ETHICS.

Mrs. KATHERINE B. LARISON, A. M., Principal,

AND INSTRUCTOR IN LITERATURE.

CORNELIA CONANT BRONSON,

LATIN AND GERMAN.

ADA CARLTON GROOM, A. B.,

ELOCUTION AND GYMNASTICS.

FRANCES MARY RUSH, A. B.,

ENGLISH AND MATHEMATICS.

ÉLYSÉE AVIRAGNET, A. M.,

VOCAL AND INSTRUMENTAL MUSIC AND FRENCH.

MARGARET PHILIPS TUSTIN,

INSTRUMENTAL MUSIC.

CANDACE WOOD,

DRAWING AND PAINTING.

WILLIAM CYRUS BARTOL, A. M.,

ASTRONOMY.

WILLIAM GUNDY OWENS, A. M.,

CHEMISTRY.

THOMAS FRANKLIN HAMBLIN, A. M.,

GEOLOGY.

LINCOLN HULLEY, A. B.,

NATURAL PHILOSOPHY.

WILLIAM CHRISTIAN GRETZINGER, B. S.,

REGISTRAR.

MRS. FLORENCE V. MACDONALD,

MATRON.

DIRECTORY OF THE ALUMNÆ.

OFFICERS OF THE GENERAL ALUMNÆ ASSOCIATION.

President,
MRS. D. BRIGHT MILLER.

Vice-President,
MRS. WILLIAM E. MARTIN.

Recording Secretary,
MISS ELEANOR S. CORNELIUS.

Corresponding Secretary,
MISS MARY McLAUGHLIN, Lewisburg.

Treasurer,
MISS MARY L. THOMAS.

Board of Managers:
THE OFFICERS OF THE ASSOCIATION AND MRS. KATHERINE B. LARISON, MRS. CHARLES S. WOLFE.

OFFICERS OF THE LEWISBURG ALUMNÆ CLUB.

President,
MISS MARY L. THOMAS.

Vice-President,
MISS ELLEN W. RUSSELL.

Secretary,
MISS ELEANOR CORNELIUS.

Treasurer,
MISS FLORENCE A. VAN DYKE.

THE ALUMNÆ.

The * indicates deceased.

1854.

*Susan I. McLeod.....Mrs. George Bowman.
Frances E. Scribner....Mrs. Flint.

1855.

Elizabeth J. Mustin....Mrs. Lynch.
Maria M. Probasco.....Mrs. F. W. Tustin.
*Harriet E. Spratt.....1878.

1856.

Malvina Rowland.....Mrs. George Frear.
Martha S. Wilson.....

1857.

Elizabeth Ayers.....
*Agnes E. Dale.....
Eliza Giddings.....Mrs. E. Pierce.
*Amanda Ogden.....
Augusta B. Tucker.....Mrs. J. R. Loomis.

1858.

Jennie M. Beaver.....Mrs. C. G. Furst.
Annie Bell.....Mrs. George E. Stubbs.
*Letitia A. Bell.....Mrs. L. A. Reynolds.
Anna Carpenter.....
Sallie E. Chamberlain...Mrs. S. E. Eccleston.
*Clara E. Hood.....Mrs. C. E. Davidson.
S. Salome Le Fevre.....
Annie C. Linn.....Mrs. A. C. Angle.
Harriet C. Mason.....Mrs. O. Stephens.
*Annie E. Morris.....
Clara Musser.....Mrs. A. D. Hawn.
Amaly Volkmar.....
Mary E. Walls.....Mrs. J. C. Bucher.
Mary A. Wolfe.....Mrs. S. D. Bates.
*Kate Wolfe.....1862.

1859.

Mary E. James.....Mrs. T. H. Purdy.
Mary S. Jones.....
*Adelaide Spratt.....Mrs. C. Myers—1884.
Margaret A. Yoder.....Mrs. D. Rue.

1860.

Mary M. Bell.....Mrs. M. Wilson.
Lucy R. Bliss. .....
Jennie M. Dawson.....Mrs. J. McPhail.
Martha E. Ireland.....Mrs. M. Hayhurst.
*Martha D. Jones.....Mrs. M. Acker—1882.
Sarah R. Meixell.....Mrs. E. Shorkley.
Susie R. McIntosh.....
Mary L. Neyhart.....Mrs. M. L. Beckner.
Mary E. V. Pardoe.....
Elizabeth K. Philips....Mrs. E. K. Young.
Mary E. Slifer.....Mrs. M. E. Thomas.
*Martha G. Tucker.....1864.

1861.

*Marion L. Homet.....Mrs. M. L. Kress.
Frances E. Kelly.....
Mary J. Philips.....Mrs. D. B. Miller.
Agnes Reilly.....

1862.

Mary E. Brown.....Mrs. Wm. E. Martin.
Caroline H. ChamberlainMrs. T. E. Clapp.
Sallie C. Jones.....Mrs. M. Davis.
*Kate R. Jones.....Mrs. K. Haskins.
Laura McMiller.....
Mary C. Reed.....Mrs. M. Smith.
Julia C. Ritter..... Mrs. William Ginter.
Margaret A. Russell....Mrs. J. Kincaid.
Mary J. Watrous.....Mrs. George Kelsay.
Annie M. Young.....

1863.

Sue A. Ammon.....
Margaret S. Beaver.....Mrs. W. H. Cassidy.
Mary C. Cox.....Mrs. M. Oberlin.
Margaret M. Marr.....Mrs. M. Barber.
Martha E. Meixell.....Mrs. C. S. Wolfe.
Sarah N. Neyhart.....
*Mary E. Robinson.....1889.
Hannah W. Sheppard...
Cynthia S. Sheppard....Mrs. C. Suter.
Margaret G. Walls.....Mrs. J. A. Barber.

1864.

*Ellen S. Dickson.....Mrs. E. S. Wilson.
Sue D. Langstaff.....Mrs. S. Slack.
Annie E. Lloyd.....Mrs. A. Reilly.
Ella D. Quinby.....Mrs. E. Weeks.
Phebe J. Quinby.....Mrs. T. E. McVitty.
Anna M. Taylor.....Mrs. A. M. Dutton.

1865.

Mattie A. Alden.....Mrs. M. A. Humiston.
Valeria R. Beck.....Mrs. D. Myers.
Clara Bell.....
Emma L. Dean.....Mrs. T. N. Anderson.
Florence Dysart.....
Rachie I. Haines.....Mrs. R. Woolston.
*E. Gertrude Hamilton.1875.
Hetty Henry..... .Mrs. T. Johnston.
Mary G. Leas.....Mrs. K. A. Lovell.
Ella A. Parker.....
Isadora Purinton.....Mrs. J. Murray.

Asenath J. Shaaber....Mrs. D. Shaaber.
*Grace G. Slough.....Mrs. G. Crippen.
Kate E. Snyder.....Mrs. K. Underwood.
*Sallie Taylor.....
Fidella Teed.....Mrs. F. Dunham.
Alice A. Thornton.....Mrs. A. Castlebury.

1866.

Maggie Bell.....Mrs. J. Dean.
Nellie A. Bell ..... Mrs. N. A. Roller.
Mary C. Bliss.....Mrs. J. Jones.
Emma Bowen .....Mrs. D. J. Williams.
Emma W. Brown.....Mrs. E. Davenport.
Annie R. Ely.....Mrs. J. L. Abraham.
Phebe Gilday.....Mrs. T. R. Shanafelt.
M. Jennie Jones.....
Emily J. Leas..... ..Mrs. E. Emery.
Lottie McCreight.....
Rebecca H. Orwig.....
Eliza C. Peterson.....Mrs. Paul Lippincott.
Mary J. Reber.....Mrs. J. L. Brallier.
Sallie Rhoads.....Mrs. S. Castner.
Hannah J. Southard....Mrs. E. J. Pierce
Lizzie E. Tustin.....Mrs. L. E. Weaver

1867.

*Haddie V. Barnhurst..Mrs. H. Teasdale.
Katherine B. Brown....Mrs. A. B. Larison.
*Maggie E. Cunkle.....Mrs. J. Criswell—1876.
Nettie L. Dunham.....Mrs. J. Crary.
Gwennie R. Evans.....Mrs. C. Mirick.
Hannah E. Johnston...
Emilie H. Malcom.....Mrs. E. Lowry.
Mattie E. McKee.....Mrs. J. Criswell.
Emma M. Minch..... .Mrs. W. B. Clement.

1868.

Mary V. Beck.....
Anna M. Boyle.....
Pattie Chamberlain.....
*Isabella Evans..... .Mrs. W. H. Mentzer-'81.
Frances L. Garrard... .Mrs. E. Wells.
Fannie R. Marsh.....
Lizzie Miller.....Mrs. J. Bailey.
Emily Pennypacker....Mrs. E. Reid.
Sarah A. Reed.....
Mary E. Rhoads.....
Bertha Scott.....Mrs. B. Shivers.
*Maria A. Shaaber.....1883.
Sallie R. Shivers.....Mrs. G. M. Murray.
*Lizzie V. Turner.....Mrs. P. A. Nordell-1887.
Mary I. Winans.....

1869.

Emma J. Billmeyer....Mrs. G. S. Matlack.
Sarah Bowen.....
*Lettie M. Davis.....Mrs. Marsh—1878.
Amanda Derr.....
Helen A. Ely.....Mrs. J. Hopping.
Anna J. Higgins.....
H. Gertrude Kern.....Mrs. H. G. Smith.
Mattie C. Parker.....Mrs. William Taylor.
Ettie M. Peckham.....Mrs. E. M. Hicks.
M. Louise Plummer....Mrs. F. N. English.
Matilda Reyman.....Mrs. M. Loomis.
Kate S. Scott..... Mrs. K. S. Law.
Clara L. Smith.....Mrs. L. P. Lee.
M. Alice Vanvalzah....Mrs. M. A. Bowman.
Grace E. Wales.....
Martha M. Warren.....Mrs. B. H. Fish.

1870.

Lizzie F. Baker.....Mrs. W. K. Weand.
Lottie S. Buch.....
*S. Emily Garrard.....1870.
Lucy W. Hamilton.... Mrs. W. P. Moon.
Emily Hancock.....Mrs. S. P. Hughes.
*Mary E. Hendershot...Mrs. F. W. Westcott.
*Nannie I. Hoskinson..
M. Addie Keeler.....Mrs. H. J. Luchsinger.
*Fannie Mathias.....1886.
Annie R. McDonald....
Frank A. Rooke.....Mrs. F. D. Youngman.
Lizzie Whittaker.....
*Mary Zellers.....

1871.

Laura Boughner.....
Annie B. Cooper.....Mrs. A. B. Huber.
Clara A. Crawford.... .
*Ida M. Davis.....
Belle C. Leas..... .....Mrs. E. McCarthy.
*Emma M. Moir.....Mrs. G. Kite—1885.
Anna E. Moore.....Mrs. E. Davis.
Lottie E. Phillips.....Mrs. P. E. Hannum.
Emma Sharp.....Mrs. A. Foster.
Mattie E. Sharp.....Mrs. M. E. Goodman.
*Emma B. Sterner.... Mrs. J. B. Fielding-'83.
Emma Taylor.....
Lizzie M. Wyatt.....Mrs. L. M. Frost.

1872.

Lizzie Bell.....Mrs. L. Christy.
Jerusha B. Campbell...Mrs. J. B. Updegraff.
Sarah W. Fowler..... Mrs. J. H. Pomeroy.
Jennie R. Gerould.....Mrs. George Ballentine.
Abigail D. Grier.....Mrs. H. A. Griesmer.
Hannah Hallowell.....Mrs. H. Yerkes.
Emma Kaufman.....Mrs. J. H. Grater.
Sarah C. Krigbaum.....
Harriet S. Lippincott...Mrs. H. S. Frazer.
*Elizabeth M. Miller....1882.
Emmareene Moore.....Mrs. C. S. Hare.
Annie F. Slifer.....Mrs. William C. Walls.
Sarah M. Stifler.....
Mary S. Toner.....Mrs. R. Caldwell.
Anna H. Wilson.....Mrs. L. Lodge.

1873.

*Josephine Abraham...Mrs. A. Taylor—'86.
Ella P. Hallowell.....Mrs. E. P. Sagebeer.
Harriet R. Harris.....Mrs. F. E. Bower.
Eva S. Hart.....Mrs. F. S. Groff.
*Emily A. Kremer.....Mrs. J. Hammer.
Julia E. Leas.....
*Anna A. Liddell.....Mrs. D. J. Hill—'80.

*Hannah M. Montgomery 1886.
Emma G. Morgan.....
Mary H. Moss.....Mrs. M. H. Trendley.
Ettie P. Mott.....Mrs. J. B. Cook.
*Emily E. Rowland.....Mrs. T. R. Evans.
Anna K. Wingard.....Mrs. A. K. Graham.

1874.

M. Helen Banger.....
Lizzie J. Curtis.....Mrs. L. J. Coray.
Mary C. Evans.....Mrs. D. W. Griffiths.
Mary E. Fowler.....Mrs. F. Bower.
Alice James.....Mrs. J. T. H. Chambers.
Anna McNeal.....
M. Susan Morris.....
Maria Overholt.....
Abigail Overholt.....Mrs. J. R. Smith.
Caroline J. Phillips.....Mrs. M. Boyd.
Ella L. Schofield.....Mrs. A. K. Marr.
Agnes M. Stidfole.....
Anna M. Voris.....Mrs. A. M. Emerick.
Maggie M. Warder.....Mrs. F. Lewis.

1875.

Sallie Aurand.....Mrs. S. A. Ritter.
Laura G. Brass.....Mrs. L. G. Riddell.
Julia Carter.....
Ella R. Crevelin.....Mrs. E. S. Gerhart.
Mary E. Du Shane.....
Emma B. Eeg.....
Annie B. Heath.....Mrs. A. B. Young.
Eulalie T. Kennedy.....
Carrie A. Kenyon.....
Flora C. Kremer.....Mrs. D. Callaghan.
Kate E. Ledward.....
Annie M. Lindale.....Mrs. F. Cooper.
Fannie McGalliard.....
*Kate Reppert.....Mrs. Geo. Diffenbaugh.
Emma M. Scott.....Mrs. G. S. McDowell.
H. Mary Tustin.....
Lizzie B. Voris.....Mrs. L. B. Follmer.
Lizzie S. Warder.....Mrs. J. P. Crozer.

1876.

Ella Beale.....
Nellie M. Cummings....
Florence Dean.....Mrs. M. R. Walter.
Jessie Diffenderfer.....Mrs. G. H. McClelland.
Flora E. Dorey.....Mrs. M. Williams.
Anna Evans.....
Ida Frick.....
Fannie Harvey.....
K. Louise Hope.....
Jennie Loomis.....Mrs. L. Tyler.
Sallie Mathias.....
Anna Sechler.....
Mae Smith.....Mrs. George Goodman.
Emily J. Thornton.....Mrs. E. Heiser.
Nina M. Van Dyke.....
*Lizzie Vastine.....1879.

1877.

Jennie E. Arthur.....
Clara A. Beck.....
M. Alice Brown.....Mrs. L. Fry.
May Gerhart.....Mrs. J. E. Perry.
Charlotte E. Kelly.....
Anna M. Leonard.....
Emma A. Liggett.....
Margaret McNeal.....
*Charlotte Merrill.....1880.

1878.

Sarah B. Barber.....
Emma Beaver.....
Kate M. Best.....Mrs. J. L. Atkins.
May Burr.....
Annie A. Deise.....Mrs. George Newell.
A. Margaret Focht.....
Mary S. Hammond.....Mrs. C. S. Norris.
Myra L. Horton.....Mrs. L. Schoelkoppf.
Ella C. Irving.....
Kate M. Kaufman.....
M. Jennie McNair.....Mrs. L. B. Scofield.
Carrie Reese.....
S. Claribel Smith.....Mrs. M. Denman.
Helen M. Van Dyke.....Mrs. E. H. Eldredge.
Dora E. Watrous.....Mrs. O. W. Spratt.

1879.

Christine B. Beyers.....Mrs. W. Vorse.
Emma J. Brown.....Mrs. D. K. Condon.
M. Lydia Bucher.....Mrs. M. L. Ansbache.
Margaret L. Clingan....
Clara A. Emerick.....Mrs. Wm. J. Hunter.
Emma A. Griffin.....Mrs. E. S. Bethune.
Eleanor M. Lawshe.....
Mary A. McLaughlin...
Florence M. Osterhout.Mrs. B. F. Overholt.
Elma E. Ruff.....
Mary C. Ward.....Mrs. J. A. Van Voast.

1880.

Eudora G. Blair.....Mrs. J. W. Vanvalzah.
Elizabeth R. Frear.....Mrs. George Mason.
Elizabeth K. Gerhart...Mrs. E. D. Faries.
Ella S. Grant.....Mrs. E. C. Powell.
Lizzie E. Kenyon.....Mrs. J. R. Jones.
Jennie C. Overholt.....Mrs. J. C. Miles.
Anna P. Pavey.....
Ellen W. Russell.....
Mary E. Williams .....

1881.

Laura M. Bower.....Mrs. R. M. Hunsicker.
Mary J. Frear.....
Lizzie H. Huston.....Mrs. S. H. Musser.
Carrie G. Loomis.....Mrs. E. G. Owens.
Ella Musser.....Mrs. A. J. Irey.

1882.

Ida I. Davidson.....Mrs. J. H. Weaver.
Annie M. Dingler.....Mrs. J. H. Groff.
Fannie A. Evans.....
Dora Hall.....Mrs. H. C. Hall.
Evalina McRae.....
Edna M. Sears.....Mrs. A. B. Dunning.

Laura K. Snyder.....

1883.

Laura Baker.....
Bertha Bell .....
Jeanette Davis.....
Catherine Dill.....
*Cora A. Howe.....1887.
Anna M. Kieffer.....
Annie Lowry.....Mrs. M. W. Lowry.
Letitia Mathews.....
Jennie M. McLaughlin..Mrs. J. Follmer.
Helena Pavey.....Mrs. A. F. Peters.
Alice Scott.....
Angelette Tilden.....Mrs. W. J. Coulston.
Margaret P. Tustin.....
Ruth Tustin.....
Florence A. Van Dyke..

1884.

Lillian Beale.....
Marian E. Bingamen...
Annie E. Buckingham..Mrs. D. C. Spruance.
*Annie K. Du Shane....1887.
Margaret Evans.....
Clara M. Griffin.....
Elizabeth E. Griffin...
Sallie I. Gundy.....
Grace C. Hull.....
Margaret Kane.....
Luella Liddell.....
Clara H. Myers.....Mrs. F. M. Goodchild.
Charlotte E. Pavey.....
Carrie M. Purdy.....
Mary A. Reading.....
Grace T. Runyan.....
Chella Scott.....
Elizabeth Weaver.....
Annie F. Williams.....

1885.

Alice R. Allen.....
Julia H. Atkins.....
Emma R. Baker .....
Marian A. Brown.....
Laura R. Church.....
Eleanor S. Cornelius....
*Laura K. Gerhart.....1887.
Annie E. Gundy.....
Winifred Merriman....Mrs. S. Z. Batten.

1886.

Annie V. Beaver.. .....Mrs. A. V. Weaver.
Minnie C. Crandell.....
Jeanie Deans.....
Annie B. Evans.....
Eva Hutchinson.....Mrs. W. H. Laird.
May S. Jones.....
Florence M. Showers...
Mary L. Thomas.....
Lilla M. Woodward... .

1887.

Ida Susan Hammond...
Maud Hanna.....
Anne Edna Nyce Kaler.
Mary Bernetta Sober....
Harriet Elizabeth Spratt
Mary Adelaide Stoner..
Nannie Jane Wilson....

1888.

Elizabeth Clingan .....
Jennie Rowan Clingan..
Mary Alice Custer.....
MargaretAnnetta Davies
Althea Metella Davis....
Priscilla Miller Duncan.
Clara Jane Fairchild....
KatherineMarkleFollmer
Emma Jane Geary.....
Maggie May Hower.....
Jessie Maria Jones.....
Jennie Clara Katherman
Mary Estelle Kinports..
Susanna Moore Loudon.

1889.

Jennie Davidson.....
Carrie V. Lovell.....
Alice J. Hassenplug....
Maud Schurtz.....
Margaret W. Van Wyck

SUMMARY:

Number living,	340
Number dead,	42
Total,	382

☞The Alumnæ are particularly requested to send their present addresses, or any change of names, to the Principal of the Institute.

STUDENTS.

THE SENIOR YEAR.

NAME.	RESIDENCE.	ROOM.
Alice Grace Bush,	*Coudersport*,	Institute.
Ella Corle Church,	*Lewisburg*,	Mr. Thomas Church.
Wilhelmina Malinda Darlington,	*Lewisburg*,	Mr. R. D. Darlington.
Effie Mabel Hull,	*Olyphant*,	Institute.
Edith Kingsley Hull,	*Olyphant*,	Institute.
Nellie Jane Irwin,	*West Hebron, N. Y.*,	Institute.
Carrie Vanderslice Lloyd,	*Phœnixville*,	Institute.
Lois Winifred Lyman,	*Coudersport*,	Institute.
Mary Katherine Murphy,	*Lewisburg*,	Institute.
Alice Carey Nesbit,	*Lewisburg*,	Mr. William Nesbit.
Edith McKinney Reber,	*Bloomsburg*,	Institute.
Harriet Richter,	*Benvenue*,	Institute.
Elsie Gertrude Roth,	*Allentown*,	Institute.
Annie Eaby Sellers,	*Altoona*,	Institute.
Bertha Bartgess Wagner,	*Lewisburg*,	Mrs. Emma Wagner.
Katherine Lawshe Wolfe,	*Lewisburg*,	Hon. C. S. Wolfe.

THE FOURTH YEAR.

NAME.	RESIDENCE.	ROOM.
Annie May Austin,	*Lewisburg*,	Rev. Charles B. Austin.
Jennie Elmira Derr,	*Moreland*,	Institute.
Mary Forney Graff,	*Philadelphia*,	Institute.
Martha Lee Harman,	*Oxford, Ind.*,	Institute.
Emma Taylor Hyman,	*Winfield*,	Mrs. Anna Hyman.
Anna Luella Kerstetter,	*Lewisburg*,	Mrs. G. W. Kerstetter.

NAME.	RESIDENCE.	ROOM.
Mary Monica Kreamer,	*Rebersburg*,	Institute.
Rachel Leidy,	*Ebensburg*,	Institute.
Bessie Hill Mershon,	*Lawrenceville, N. J.*,	Institute.
Perie May Miller,	*Altoona*,	Institute.
Blanche Adelaide Schreiner,	*Philadelphia*,	Institute.
Bertha May Shirley,	*Moore's*,	Institute.
Carrie Katherine Wittenmyer,	*Middleburg*,	Institute.
Mary Moore Wolfe,	*Lewisburg*,	Hon. C. S. Wolfe.

THE THIRD YEAR.

NAME.	RESIDENCE.	ROOM.
Mary Castle,	*Lewisburg*,	Prof. C. F. Castle, Ph. D.
Eva Jane Derr,	*Limestoneville*,	Institute.
Lillie Candace Grove,	*Chillisquaque*,	Mrs. S. B. Walter.
Sarah Catherine Johnson,	*Lewisburg*,	Mr. Milo Purdy.
Elizabeth Anna Miller,	*Williamsport*,	Institute.
Katherine Ruth Nesbit,	*Lewisburg*,	Mr. William Nesbit.
Mary Alice Peck,	*Scranton*,	Institute.
Maze Anna Pellman,	*Hartleton*,	Institute.
Mary Rachel Rogers,	*Danville*,	Institute.
Mary Cameron Schrack,	*Buffalo X Roads*,	Institute.
Mabel Schreiner,	*Philadelphia*,	Institute.
Annie Annette Seasholtz,	*Northumberland*,	Institute.
Martha Margaret Thomson,	*Bower*,	Institute.
Bertha May Wittenmyer,	*Middleburg*,	Institute.

THE SECOND YEAR.

NAME.	RESIDENCE.	ROOM.
Margaret Stuart Baker,	*Lewisburg*,	J. T. Baker, Esq.
Katherine Pontius Baker,	*Lewisburg*,	J. T. Baker, Esq.

NAME.	RESIDENCE.	ROOM.
Dedie Sarah Baldwin,	*Litchfield*,	Rev. A. J. Furman.
Mary Emma Butler,	*Montandon*,	Mr. John W. Butler.
Elizabeth Wells Clearwater,	*Wilcox*,	Institute.
Carolyn Furman,	*Lewisburg*,	Rev. A. J. Furman.
Leila Furman,	*Lewisburg*,	Rev. A. J. Furman.
Bessie May Hottenstein,	*Milton*,	Mr. R. D. Darlington.
Mary Koonce,	*Lewisburg*,	Institute.
Katie Miller,	*Lewisburg*,	Mr. J. V. Miller.
Jessie Nesbit,	*College Station, Md.*,	Institute.
Hetty Slack,	*New Brunswick, N. J.*,	Institute.
Florence Bertha Smith,	*Lewisburg*,	Mr. J. C. Smith.
Nora Olivia Swengel,	*Coburn*,	Mr. W. W. Wolfe.

THE FIRST YEAR.

NAME.	RESIDENCE.	ROOM.
Bertha Agnes Clearwater,	*Wilcox*,	Institute.
Kate Estelle Hill,	*Milton*,	Hon. C. S. Wolfe.
Anna Julia Keiser,	*Lewisburg*,	Mr. William Keiser.
Lillie Katherine Schrack,	*Lewisburg*,	Mr. James P. Schrack.
Jennette Rachel Snook,	*Lewisburg*,	Prof. William G. Owens.

PURSUING SELECT STUDIES.

NAME.	RESIDENCE.	ROOM.
Mary Hannah Artman,	*Shamokin*,	Institute.
Emma Beck,	*Liberty*,	Institute.
Anna Belle Farrow,	*Snydertown*,	Institute.
Maude Garrison,	*Roaring Branch*,	Institute.
Martha Matilda Graff,	*Philadelphia*,	Institute.
Nellie Grant Haines,	*Winfield*,	Mr. Anes Haines.
Maude Keller,	*Lewisburg*,	Mrs. Martha J. Cooper.

NAME.	RESIDENCE.	ROOM.
Mabel Keller,	*Lewisburg*,	Mrs. Martha J. Cooper.
Elizabeth Lloyd,	*Phœnixville*,	Institute.
Mary Wealthy Lovell,	*Huntington*,	Institute.
Alice May Lyman,	*Coudersport*,	Institute.
Martha Maud Miller,	*Lewisburg*,	Rev. Howard Miller.
Esther May Pannebaker,	*Lewistown*,	Institute.
May Putnam,	*Philadelphia*,	Institute.
Elizabeth Jane Sellers,	*Altoona*,	Institute.
Agnes Lillian Snyder,	*Warren*,	Institute.
Sarah Spencer,	*Dunmore*,	Institute.
Evalena Jane Squires,	*Ballibay*,	Institute.
Jennie Augusta Taggart,	*Savannah, Ga.*,	Institute.
Katherine Van Valzah,	*Terre Haute, Ind.*,	Institute.

THE MUSIC CLASS.

NAME.	RESIDENCE.	ROOM.
Annie May Austin,	*Lewisburg*,	Rev. Charles B. Austin.
Margaret Stewart Baker,	*Lewisburg*,	J. T. Baker, Esq.
Katherine Pontius Baker,	*Lewisburg*,	J. T. Baker, Esq.
Linda Eliza Bechner,	*Lewisburg*,	Mrs. L. Bechner.
Alice Grace Bush,	*Coudersport*,	Institute.
Maud Bowen,	*Lewisburg*,	Mr. Irvine Bowen.
Ella Bender,	*Lewisburg*,	Mr. G. D. Bender.
Mary Castle,	*Lewisburg*,	Prof. C. F. Castle, Ph. D.
Elizabeth Wells Clearwater,	*Wilcox*,	Institute.
Helen Clingan,	*Lewisburg*,	Mr. W. Clingan.
Elizabeth Clingan,	*Lewisburg*,	Mr. P. L. Clingan.
Bertha Agnes Clearwater,	*Wilcox*,	Institute.
Jennie Colburn,	*Lewisburg*,	Rev. U. W. Colburn.
Eva Jane Derr,	*Limestoneville*,	Institute.
Margaret Orwig Evans,	*Lewisburg*,	Mr. T. G. Evans.
Clarra Jane Fairchild,	*Montandon*,	Home.
Anna Belle Farrow,	*Snydertown*,	Institute.
Lelia Furman,	*Lewisburg*,	Rev. A. J. Furman.
Carolyn Furman,	*Lewisburg*,	Rev. A. J. Furman.

ROOM.	RESIDENCE.	ROOM.
Mary Forney Graff,	*Philadelphia*,	Institute.
Martha Matilda Graff,	*Philadelphia*,	Institute.
Jessie May Goodwin,	*Jefferson*,	Miss Mendenhall.
Blanche Hassenplug,	*Lewisburg*,	Mr. C. H. Hassenplug.
Emma Taylor Hyman,	*Winfield*,	Mrs. A. Hyman.
Florence Hinkle,	*Milton*,	Rev. Hinkle.
Blanche Housel,	*Watsontown*,	Dr. Housel.
Bessie Hottenstein,	*Milton*,	Mr. R. D. Darlington.
Jennie Katherman,	*Lewisburg*,	Mr. E. Katherman.
Lucy Bradley Kelly,	*Lewisburg*,	Mr. G. C. Kelly.
Mary Wealthy Lovell,	*Huntingdon*,	Institute.
Alice May Lyman,	*Coudersport*,	Institute.
Lois Winifred Lyman,	*Coudersport*,	Institute.
Louise Lawshe,	*Lewisburg*,	Mr. Robert Lawshe.
Ida List,	*Lewisburg*,	Mr. S. A. List.
Laura Long,	*Milton*,	Home.
Brown Martin,	*Lewisburg*,	Prin. William E. Martin.
Mary Matlack,	*Lewisburg*,	Mr. G. S. Matlack.
Mary Katherine Murphy,	*Lewisburg*,	Mr. D. Murphy.
Jessie Nesbit,	*College Station, Md.*,	Institute.
Margaret Norton,	*Lewisburg*,	Home.
Esther May Pannebaker,	*Lewistown*,	Institute.
May Florence Pannebaker,	*Lewistown*,	Institute.
Mary Alice Peck,	*Scranton*,	Institute.
Maze Anna Pellman,	*Hartleton*,	Institute.
Mary Rachel Rogers,	*Danville*,	Institute.
Charles Grant Shaffer,	*Lewisburg*,	College.
Hetty Slack,	*New Brunswick, N. J.*,	Institute.
Sarah Spencer,	*Dunmore*,	Institute.
Katherine Sweet,	*Carpenter*,	Institute.
Nora Olivia Swengel,	*Coburn*,	Mr. W. W. Wolfe.
Florence Bertha Smith,	*Lewisburg*,	Mr. J. C. Smith.
Ella Stebbins,	*Watsontown*,	Home.
Martha Margaret Thomson,	*Bower*,	Institute.
Jennie Augusta Taggart,	*Savannah, Ga.*,	Institute.
Katherine Van Valzah,	*Terre Haute, Ind.*,	Institute.
Julia Weidensaul,	*Lewisburg*,	Mr. J. P. Weidensaul.
Linda Brolasky Wilhelm,	*Lewisburg*,	Mrs. S. C. Wolfe.

CLASS IN ELOCUTION.

NAME.	RESIDENCE.	ROOM.
Ida Rosilla Bowen,	*Lewisburg*,	Mr. Irvine Bowen.
Miriam Adlum Bucher,	*Lewisburg*,	Hon. J. C. Bucher.
Mary Elizabeth Colburn,	*Lewisburg*,	Rev. U. W. Colburn.
Sybil Watson Daugherty,	*Sunbury*,	Mr. W. M. Daugherty.
William Theophilus Harris,	*Frankford*,	Academy.
Mary Forney Graff,	*Philadelphia*,	Institute.
Maude Garrison,	*Roaring Branch*,	Institute.
Mary Wealthy Lovell,	*Huntingdon*,	Institute.
Mary Matlack,	*Lewisburg*,	Mr. G. S. Matlack.
Katherine Sweet,	*Carpenter*,	Institute.

THE STUDIO CLASS.

NAME.	RESIDENCE.	ROOM.
Margaret Stewart Baker,	*Lewisburg*,	J. T. Baker, Esq.
Katherine Pontius Baker,	*Lewisburg*,	J. T. Baker, Esq.
Elizabeth Tower Bates,	*Lewisburg*,	Hon. S. D. Bates.
Verdie May Bowen,	*Lewisburg*,	Mr. Irvine Bowen.
Miriam Adlum Bucher,	*Lewisburg*,	Hon. J. C. Bucher.
Emily Clingan,	*Lewisburg*,	Mr. P. L. Clingan.
Sybil Watson Daugherty,	*Sunbury*,	Mr. W. M. Daugherty.
Marshall Philip Dawson,	*Lewisburg*,	Miss Mendenhall.
Anna Evans,	*Lewisburg*,	Mr. T. G. Evans.
Alice Frick,	*Milton*,	Mr. Robert Frick.
Maude Garrison,	*Roaring Branch*,	Institute.
Martha Lee Harman,	*Oxford, Ind.*,	Institute.
Catherine Louise Hazlewood,	*Lewisburg*,	Mr. J. Hazlewood.
Mary Koonce,	*Lewisburg*,	Institute.
Elizabeth Lloyd,	*Phœnixville*,	Institute.
Mary Matlack,	*Lewisburg*,	Mr. G. S. Matlack.

NAME.	RESIDENCE.	ROOM.
Helen McCormick,	*Milton*,	Mrs. William Lawson.
Mrs. J. McCleery,	*Milton*,	Home.
Frank Baron Miller,	*Lewisburg*	Mr. G. Bright Miller.
Emma Oldt,	*New Berlin*,	Mr. C. Oldt.
Esther May Pannebaker,	*Lewistown*,	Institute.
Maze Anna Pellman,	*Hartleton*,	Institute.
Joseph Newbury Pearce,	*Philadelphia*,	Academy.
Clarence Reid,	*Milton*,	Home.
Frances Mary Rush,	*Montana, N. J.*,	Institute.
Annie Annette Seasholtz,	*Northumberland*,	Institute.
Mary Bernetta Sober,	*Lewisburg*,	Mr. C. K. Sober.
Katherine Sweet,	*Carpenter*,	Institute.
Mrs. A. B. Stewart,	*Lewisburg*,	Academy.
Mary Lois Thomas,	*Lewisburg*,	Rev. Wesley Thomas.
Linda Brolasky Wilhelm,	*Lewisburg*,	Mrs. S. C. Wolfe.
Mary Wolverton,	*Sunbury*,	Hon. S. P. Wolverton.
Nina Maude Van Dyke,	*Lewisburg*,	Mrs. J. Van Dyke.

SUMMARY:

The Senior Year	16	
The Fourth Year	14	
The Third Year	14	
The Second Year	14	
The First Year	5	
Pursuing Select Studies	20	— 83
The School of Music	57	
The School of Art	33	
The Class in Elocution	10	
Not otherwise counted, Music, 22; Art, 21; Elocution, 2		— 45
Total in Institute		128
In other Departments		158
Total in all Departments		285

Curriculum.

FIRST YEAR.

I. Term—Arithmetic,	Wentworth,
United States History,	Barnes,
English Grammar,	Outlines and Exercises,
Geography,	Appleton.
II. Term—Arithmetic,	Wentworth,
General History,	Barnes,
English Grammar,	Outlines and Exercises.
III. Term—Arithmetic,	Wentworth,
General History,	Barnes,
English Grammar,	Outlines and Exercises.

SECOND YEAR.

I. Term—Latin Lessons,	Tetlow,
Grammar,	Allen and Greenough.
Physical Geography,	Appleton,
Higher Arithmetic,	Olney's Science.
II. Term—Latin Lessons,	Tetlow,
Grammar,	Allen and Greenough,
Ancient History,	
Book-Keeping,	Bryant.
III. Term—Cæsar,	Kelsey,
Rhetoric,	Hill's Elements,
Botany,	Gray.
Ancient History.	

THIRD YEAR.

I. Term.—Cæsar,	Kelsey.
Algebra,	Wentworth,
English History, *or*	Guest.
Greek.	
II. Term—Vergil,	Greenough,
Algebra,	Wentworth,
Astronomy, *or*	Sharpless and Philips.
Greek.	
III. Term—Vergil,	Greenough,
Physics,	Sharpless and Philips,
Physiology, *or*	Walker.
Greek.	

FOURTH YEAR.

I.	Term—Vergil, *or*	Greenough,
	German,	Wenckebach,
	Algebra,	Wentworth,
	Chemistry, *or*	Eliot and Storer.
	Greek.	
II.	Term—Cicero, *and*	Allen and Greenough,
	Latin Prose Composition, *or*	Collar,
	German,	Wenckebach,
	Geometry,	Wentworth,
	Civil Government, *or*	Townsend,
	Greek.	Collar.
III.	Term—Cicero, *or*	Allen and Greenough,
	German,	Wenckebach,
	Geometry,	Wentworth,
	Geology, *or*	Le Conte.
	Greek.	

SENIOR YEAR.

I.	Term—Psychology,	Hill,
	English Literature,	Outlines,
	English Classics,	
	French, *or*	
	German,	Die Jungfrau von Orleans.
II.	Term—English Literature,	Outlines.
	English Classics,	
	Solid Geometry,	Wentworth,
	French, *or*	
	German,	Wilhelm Tell.
III.	Term—Ethics,	Hopkins,
	American Literature,	Outlines,
	American Classics,	
	French, *or*	
	German,	Hermann und Dorothea.

Courses of Study.

The Bucknell Institute offers to young women a course of study extending over five years Students are admitted to advanced standing, if, upon examination, they are found to have a satisfactory knowledge of the branches which the class they propose to enter has already completed.

The Course Embraces in Mathematics, Arithmetic, common and advanced, Algebra, and Geometry, plane and solid; in Latin, two years required, and a third year elective with German; in Greek, two years, elective with other subjects of study; in German and French, one year each; and in Italian and Spanish, an optional course under the instruction of M. Élysée Aviragnet. The course in Sciences embraces Physical Geography, Botany, Astronomy, Physics, Physiology, Chemistry, and Geology. In these branches the students have the advantages afforded by the College Observatory, Laboratory and Museum.

Special attention is given to History and Literature, to the former of which five, and to the latter three terms are devoted.

The Eclectic Course.—For those who do not intend to pursue a Regular Course of Study, but desire to select certain special branches, the Institute will, subject to necessary restrictions, provide such studies as they may elect and for which they show themselves qualified, but only in connection with the recitations of the regular classes.

RELIGIOUS SERVICES.

The morning Chapel Exercises are attended at 8:15 in Bucknell Hall in common with the members of the other departments.

Means of religious improvement are afforded by the Tuesday evening prayer meeting, conducted by the young ladies.

Attendance upon Sabbath school and Church services in town is required.

The Young Women's Christian Association, composed of the officers and students of the Institute, meets on the second Sunday and Thursday of each month. Devotional meetings, missionary and temperance work, are in charge of this Association.

DRAWING AND PAINTING.

Exercises in Free-handing Drawing are required of all students except Seniors.

The facilities for the study of the arts of design have been greatly enhanced

by the accommodations allotted to the Art Department in The Annex, which provides a studio, a spacious room with such adjustments for admission of light and supply of unincumbered wall surfaces as renders it precisely adapted for the execution and display of art productions. Provision is made for a thorough course of instruction in Drawing, Painting, and all forms of Art Decoration, including:

Drawing from Life; Sketching from Nature; Object Drawing; Cast Drawing; Perspective; Painting from Life; Landscape Painting; Painting in Water Colors; China Decoration, Tapestry Dyeing, and Pastel Painting.

Extra tuition is charged for instruction in Art, as follows:

	Per Annum.
Drawing	$24.00
Crayoning	33.00
Painting in Oil, Water Colors, *or* on China	60.00
Use of Studies for Decorative Work	3.00
	Per Lesson.
Special individual instruction in Painting	1.00

SPECIAL BRANCHES.

Shorthand, Telegraphy, and Type-Writing, as special electives, are open to all students without extra charge.

Italian and Spanish may be taken as optional studies, under the instruction of M. Élysée Aviragnet.

All optional studies must be pursued in connection with the regular classes.

ELOCUTION AND GENERAL CLASS EXERCISES.

Exercises in Spelling are required of all students except Seniors.

Bible instruction is given once a week throughout the entire course.

Monthly Essays are required of all students.

Two Declamations are required of each student during each Term.

Exercises in Elocution are required once a week of all classes. The text-book used is Shoemaker's Practical Elocution, and the course of instruction includes:

Voice Culture; Modulation; Analytical Reading; Articulation—Phonetics; Expression—Gesture, and the study of Shakespeare.

Special individual instruction in Elocution is afforded at fifty cents a lesson.

PUBLIC EXERCISES.

The Exercises of the Graduating Class, held in Commencement Hall form the closing exercises of the Institute. This year they will be held June 24th.

The Exercises of the Fourth Year Class.—Of special interest in the calendar of the Institute are the Exercises of the Fourth Year Class, being a combined musical and literary entertainment held in Bucknell Hall. Three Prizes are then contended for; two of them in Composition, between members of the Fourth Year Class; the other in Elocution, between all the members of the Institute. These exercises will take place this year Saturday evening, May 10th.

ALUMNÆ AND OTHER SOCIETIES.

The Alumnæ Association holds its anniversary during Commencement Week. The date for 1890 is June 23d.

During Commencement Week, as far as the accommodations will permit, Alumnæ who take part in the Anniversary will be entertained at the Institute.

The Lewisburg Alumnæ Club meets at the Institute on the second Tuesday evening of each month during term time, at 7 o'clock.

The Students' Loan Society meets in the parlors of the Institute on the first Tuesday morning after the opening of each term, at 9 o'clock.

The annual meeting for the election of officers is held at the Institute on Monday of Commencement Week immediately after the Business Meeting of the Alumnæ.

All contributions to the Society should be sent to the Treasurer, Mrs. T. H. Purdy, Sunbury, Pa.

Music Institute.

The Music Institute is under the special charge of a French artist, whose musical education was received at the Conservatory of Music in Paris, and who has had a large and successful experience in teaching. He is supported by competent assistants, and the course is designed to afford every needed facility for the study of Vocal and Instrumental Music. An ample supply of pianos from the best makers is provided for practice, including a Concert Grand.

INSTRUMENTAL MUSIC.

COURSE FOR THE PIANO-FORTE OF FOUR YEARS FOR GRADUATION.

The pupil is required to pursue the most thoroughly approved modern system of technical training. After the first rudiments have been mastered, the course of instruction leads to the practices of *études*, designed to unite with purely technical drill the acquirement of artistic style and expression.

PIANO.

FIRST YEAR.

New England Conservatory Method, 1 and 2 parts; LeCouppey Ecole du Mechanisme; Duvernoy Ecole du Mechanisme, books 1, 2 and 3; Kohler, op. 157; Czerny, fifty studies from op. 261, 821, 599 and 139 ed. of Henrich Germer; Meyer progressive and melodious studies; Robert Sutton's "The Elements of the Theory of Music;" Browne Musical Biographies of Composers.

SECOND YEAR.

Plaidy Technical Studies; Czerny Polyrythmic Studies from op. 139, 834, 335 and 299; Czerney Studies of Ornamentation from op. 355 and 834; Czerny twelve Studies from op. 299 and 740; Czerny thirty Studies from op. 299 and 834, (Henrich Germer edition); Heller, Expression and Rhythm, op. 125; Kullak, Preparatory Octave Studies; Rockstro, Practical Harmony; Rockstro, A History of Music.

THIRD YEAR.

Clementi, "Grades ad Parnassum;" Tausig, Daily Studies; Kohler, op. 112; Cramer Studies, books 1, 2 and 3; Czerny, thirty-six Octave Studies from op. 821, 335, 740 and 834, (H. G. edition); Richter, Harmony; Dr. Marx, Universal School of Music.

FOURTH YEAR.

R. Joseffy, Daily Studies; Czerny, twenty Studies from op. 335; Czerny, nineteen Studies from op. 740; Czerny, Toccata op, 92, (Henrich Germer edition); Kullak, Octave Studies; Chopin Studies; Lizt Studies; T. Bach, Well Tempered Clavichord, (preludes et fugues); Kullak, Art of Touch; Richter, Counterpoint; Reicha, Course of Musical Composition.

During the four years, selected studies from Bertini, Rosellen, Mosheles, Herz Thallerg are also given to the pupils.

That the æsthetic development may be proportionately secured, the above exercises are supplemented by the study of works of the best composers.

COURSE FOR THE VIOLIN.

This course is based upon:

Dancla's School of Mechanism; De Beriot's Violinist's First Guide; Fiorillo's Studies; Alard's Studies; Kreutzer's Studies, etc., with selections from the compositions of the best writers for this instrument.

COURSE FOR THE VIOLONCELLO.

Instruction for this instrument is based upon:
Methode pratique pour le Violonecelle par S. Lée.

COURSE FOR VIOLA.

Burni's Methods and Studies.

COURSE FOR CONTREBASSE (Double Bass.)

Bottesini's Method.

THE ORCHESTRA.

CLASSES FOR ALL ORCHESTRAL INSTRUMENTS.

Students who are sufficiently advanced in any of the above musical instruments will have opportunity of practice in string quartette, trios, concertos and the orchestra. The latter furnishes the music for the public entertainments of the Institute.

VOCAL CULTURE.

COURSE OF THREE YEARS FOR GRADUATION.

Careful instruction is given in the use of the voice, and the correct manner of producing purity of tone. To secure control over the voice and gain for it flexibility, fullness and durability, thorough drill is afforded in such technical exercises as:

Lamperti's Italian Method; Ciro Pinsuti's Daily Exercises; the Vocalises of Rossini, Marchesi, Bordogni, Ronconi and Concone; Duprez's L'art du chant; Lamperti's Studies in Bravura Singing. For expression and the development of a pure style practice is afforded in singing the best English, German, Italian, and French Songs, Operatic Arias, and Solos from the Oratorios.

COURSE IN HARMONY.

It is urgently recommended that the study of Harmony be included with other Musical work, inasmuch as a sound knowledge of its principles is essential to the success of all vocalists and instrumentalists. The text-books used are:

Rockstro's Practical Harmony; Richter's Counterpoint, Richa's Course of Musical Composition.

Extra tuition is charged for instruction in Music, as follows:

ADVANCED CLASSES.

	Per Annum.
Vocal Music	$60 00
Music on Piano, *or* Organ	60 00
Harmony	18 00
Use of Instrument for practice	10 00

PREPARATORY CLASSES.

	Per Annum.
Vocal Music	$45 00
Music on Piano, *or* Organ	45 00
Harmony	12 00
Use of Instrument for practice	10 00
	Per Lesson.
Special individual instruction in Music	$1 00

Instruction in the Orchestra and in Harmony is free to pupils otherwise studying music.

General Information.

ADMINISTRATIVE AND OTHER REGULATIONS.

The rules of the Institute are few and simple and such as contemplate relations with those only whose purpose it is to conform to reasonable laws.

Parents should not seek to direct the movements of their daughters in such particulars as interfere with the regulations of the Institute, which regulations during term-time are expected to prevail.

The following are selections from the regulations:

1. No student is allowed to leave the Institute grounds at any time without permission from the Principal.

2. Unless for reasons very satisfactory, students from a distance are not permitted to visit their homes, or to leave the Institute to visit with relatives or friends in the town.

3. None but near relatives and friends from a distance are allowed to visit with boarding students, and such visits must be so arranged as not to interfere with the regular hours of study and recitation.

4. Students are not at liberty to invite guests to their private apartments, or to any part of the building, without permission from the Principal.

5. Teachers and students take their meals at the same table, and no special article of food is served to any one except in case of sickness.

6. Parents and guardians are particularly requested to refrain from furnishing their daughters and wards with eatables of any kind except fruit.

7. Patrons visiting young ladies at the Institute may be accommodated with board at one dollar a day, if there are vacant rooms. In no case will students be required to give up their rooms to visitors. It is expected that all visitors will conform to the general regulations of the Institution.

8. Regular and systematic exercise both in the open air and in the Gymnasium is required of each student.

9. In the Regular Course, the number of daily recitations is fixed. Special students are required to engage in such a number as may, in the judgment of the Principal, be sufficient to occupy their time.

10. The character of each recitation is recorded at the time, and the result, together with a statement of the general industry and deportment of the student, sent to the parent or guardian at the close of the Term.

11. The passing grade in any study of a Term is a definite one, and must be attained before promotion can be secured.

12. No room will be reserved for a student unless definitely engaged.

13 The books and current periodicals of the College and Institute Libraries are available for all students.

ARTICLES REQUIRED.

Each student should be provided with an umbrella, water-proof, overshoes, gymnastic dress, table napkins, towels, covers for bureau and washstand, counterpanes, sheets, and pillow-cases; size of pillow, twenty by thirty inches, bureau, forty-three by nineteen inches, washstand, thirty two by sixteen inches. The gymnastic dress, is made of dark blue flannel, with Garbaldi waist, and with skirt plain, full, rather long and without trimming.

Every article of clothing should be marked with the owner's name in full.

It is especially desired that the dress of pupils shall be simple and inexpensive. Whenever practicable, the wardrobe should be prepared at home, to avoid the necessity of frequent visits to town.

AIDS AND PRIZES.

The Students' Loan Society, organized June, 1887, will give aid to as many students of the Institute as possible. Applications for aid should be made to the President, Mrs. Katherine B. Larison, Lewisburg, Pa.

THE BUCKNELL PRIZES.

The following prizes have been founded by Honorable William Bucknell, of Philadelphia:

1. A First Senior Prize, to be awarded to the member of the graduating class who, being excellent in scholarship during the Senior Year, shall prepare the best graduating essay.

2. A Second Senior Prize, to be awarded to the member of the graduating class who, being excellent in scholarship during the Senior Year, shall prepare the second best graduating essay.

For the year, 1889, the First Prize of twenty-four dollars was awarded to Carrie Vickers Lovell; and the Second Prize of sixteen dollars to Maud Schurtz.

3. A Third Senior Prize, to be awarded to the member of the graduating class who shall attain the highest grade in the studies of the Senior Year. This excludes all grades for studies not in the Senior Year, all Senior studies taken before the Senior Year, and all studies not taken in the University.

For the year 1889, this Prize of twenty-five dollars was awarded to Jennie May Davidson.

4. A First Fourth Year Prize, to be awarded to the member of the Fourth Year Class who, being excellent in scholarship during the year, shall prepare the best Fourth Year essay.

5. A Second Fourth Year Prize, to be awarded to the member of the Fourth Year Class who, being excellent in scholarship during the year, shall prepare the second best Fourth Year essay.

For the year 1889, these Prizes were awarded as follows: Lois Winifred Lyman received the First Prize of twenty dollars; Elsie Gertrude Roth the Second Prize of fifteen dollars.

The Fund consists of $2,000, the income from which is to be devoted to these Prizes annually in a manner more particularly defined in the donor's communication to the Trustees.

THE LIPPINCOTT PRIZE.

An award of fifty dollars, has been offered by Mr. Craig Lippincott, to the student who proves, on examination, to have the best command of the English Language, and the most thorough knowledge of British and American Literature.

THE ELOCUTION PRIZE.

A prize in Elocution is offered to that student who shall give the best recitation at the Annual Contest.

For 1889 the Prize was awarded to May Putnam.

SCHOLARSHPS.

Free Scholarships covering tuition are awarded to children of ministers of the Gospel, *in actual service.*

All candidates for Aids or Prizes must attain the required standard in conduct.

EXPENSES.

I. Boarding Students.—The regular charges for Boarding Students are $225.00 per annum; the other expenses, spending-money, books and clothing, are at the option of the individual student.

Boarding Students are charged extra for the washing of dresses, and for more than twelve pieces per week.

The rooms in the Annex are rented in suites, for which there is an extra charge, depending on the location.

	Per Annum.
Suit on the first floor	$30 00
Suit on the second floor	34 00
Suit on the third floor	28 00

Each suite contains a study and two sleeping apartments, and has accomodations for four persons. When a suite is occupied by more than one person, the charge is accordingly divided.

If a student arranges to occupy one of the large rooms, in the South Hall of the main building, by herself, room-rent will be charged.

Students will be charged for damage done to furniture or to the room they occupy.

II. Day Students.—The charges for Day Students amount to fifty dollars per annum, and are apportioned as follows:

	Per Annum.
Tuition	$36 00
Incidentals, etc.	14 00
	$50 00

III. Extra Studies.—The charges for the same are enumerated under Elocution, Drawing and Painting, and Music.

Bills are payable *strictly in advance;* or, by the 15th of September, January, and April. Checks and drafts should be drawn in favor of the Registrar of the University.

No bill will be made out for a shorter period than one term; and no deductions will be made except in the charge for board, in case of a prolonged absence on account of sickness.

The expenses for Music, Printing, and other charges ordinarily incurred at Examinations and on Anniversary occasions, are paid by the class or classes for which such expenses are incurred.

The fee for Graduation and Diploma is five dollars.

For information respecting the Institute, address the Principal, Mrs. Katherine B. Larison, A. M., or the President of the University, John H. Harris, Ph. D.

⁂ University ⁂ Calendar ⁂

—1889-1890.—

Examinations for Admission to College..Wednesday, September 11th, 1889.
First Term (of fourteen weeks) begins.....Thursday, September 12th, 1889.
Thanksgiving.....Thursday, November 28th, 1889.

—Thanksgiving ⁂ Recess ⁂ of ⁂ three ⁂ days—

Term resumed.....Monday, December 2d, 1889.
First Term ends.....Wednesday, December 18th, 1889.

—Holiday ⁂ Recess ⁂ of ⁂ two ⁂ weeks—

Second Term (of twelve weeks) begins.....Thursday, January 2d, 1890.
Day of Prayer for Colleges.....Thursday, January 30th, 1890.
Second Term ends.....Wednesday, March 26th, 1890.

—Spring ⁂ Recess ⁂ of ⁂ one ⁂ week—

Third Term (of twelve weeks) begins.....Thursday, April 3d, 1890.
Sermon before the Y. M. C. Association.....Sunday, April 13th, 1890.
Declamations of the Third Form, Academy.....Saturday, April 26th, 1890.
Exercise of the Fourth Year Class, Institute.....Saturday, May 10th, 1890.
Exhibition of the Junior Class, College.....Friday, May 16th, 1890.
Examinations of the Senior Class, College.....Wednesday, June 4th, 1890.
Other Examinations.....Thursday to Saturday, June 19th to 21st, 1890.
Exhibition of the Fourth Form, Academy.....Saturday, June 21st, 1890.
Baccalaureate Sermon.....Sunday, June 22d, 1890.
Sermon before the Education Society.....Sunday, June 22d, 1890.
Examinations for Admission to College.....Monday, June 23d, 1890.
Meeting of the Alumnæ of the Institute.....Monday, June 23d, 1890.
Oration before the Literary Societies.....Monday, June 23d, 1890.
Annual Meeting of the Trustees.....Tuesday, June 24th, 1890.
Annual Meeting of the Alumni.....Tuesday, June 24, 1890.
Graduating Exercises of the Institute.....Tuesday, June 24th, 1890.
Oration before the Alumni.....Tuesday, June 24th, 1890.
Annual Commencement, The 40th.....Wednesday, June 25th, 1890.

—Vacation ⁂ of ⁂ eleven ⁂ weeks—

Examinations for Admission to College....Wednesday, September 10, 1890.
First Term (of fourteen weeks) begins.....Thursday, September 11th, 1890.
Thanksgiving.....Thursday, November 27th, 1890.
First Term ends.....Wednesday, December 17th, 1890.

—Holiday ⁂ Recess ⁂ of ⁂ two ⁂ weeks—

Second Term (of twelve weeks) begins.....Friday, January 2d, 1891.
Day of Prayer for Colleges.....Thursday, January 29th, 1891.
Second Term ends.....Wednesday, March 25th, 1891.

—Spring ⁂ Recess ⁂ of ⁂ one ⁂ week—

Third Term (of twelve weeks) begins.....Thursday, April 2d, 1891.
Sermon before the Y. M. C. Association.....Sunday, April 12th, 1891.
Third Term ends.....Wednesday, June 24th, 1891.

Railroad Directory.

P. & R.—The Shamokin, Sunbury and Lewisburg Division of the Philadelphia and Reading Railroad now passes through Lewisburg. Passengers from Philadelphia take a through car at the Broad and Callowhill Station, either in the morning or evening. Roads tributary to the main line of the Reading connect with these trains at West Falls, Reading, Tamaqua, Mahanoy Junction, and Shamokin. Passengers on the line of the **Catawissa Railroad** can connect with trains for Lewisburg at West Milton.

P. & E.—The Philadelphia and Erie Railroad runs within one and a half miles of Lewisburg. Persons coming to Lewisburg stop at Montandon. From that place the **Lewisburg and Tyrone Railroad** runs through Lewisburg, and trains on this road make connections with the Philadelphia and Erie Railroad.

Most of the following trains run through from the points named below without change of cars—

Three trains daily from Philadelphia, Baltimore, Pittsburg, Buffalo, Elmira, and Williamsport; two from New York, *via* Harrisburg or Scranton; and one from Erie.

Penn. R. R.—Passengers from Pittsburg and other points on the **Pennsylvania Railroad** can reach Lewisburg *via* Tyrone and Lock Haven, or *via* Tyrone and Bellefonte, or *via* Lewistown and Sunbury, or *via* Harrisburg and Montandon, according as they are located on the line.

D. L. & W.—The Lackawanna and Bloomsburg Railroad connects with the Philadelphia and Erie Railroad at Northumberland.

The above trains connect at all intermediate points.

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THE SUN
PRESS,
Williamsport, Pa.

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B857H
1888/89

CATALOGUE

—OF—

BUCKNELL UNIVERSITY

1888-89

THIRTY-NINTH

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BUCKNELL UNIVERSITY,

LEWISBURG, PA.

1889-90

WITH COMPLIMENTS OF

GEO. G. GROFF,

ACTING PRESIDENT.

LEWISBURG:
PRINTED FOR THE UNIVERSITY.
1889.

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Plan and Purpose of the University.

CORPORATE RIGHTS.

The University at Lewisburg was incorporated, with full University privileges, by an act of the Legislature of Pennsylvania, approved by the Executive authority on the fifth day of February, A. D. 1846. By a change in the Charter made in 1882, the management of the University is committed to a Board of Trustees, consisting of twenty-five members, or fewer at the option of the Board. At the annual meeting of the Board of Trustees on the twenty-second day of June, A. D. 1886, the name of the University was changed to Bucknell University, in honor of Mr. William Bucknell, its most munificent benefactor. The Trustees are prohibited for any cause, or under any pretext whatever, from encumbering by mortgage or otherwise the real estate or any other property of the Institution. It is provided that no misnomer of the Corporation shall defeat or annul any gift, grant, devise, or bequest to the Institution, if the intent of the parties sufficiently appear. It is required by the Charter, that no religious sentiments are to be accounted a disability to hinder the election of an individual to any office among the teachers of the Institution, or to debar persons from attendance as pupils, or in any manner to abridge their privileges or immunities as students in any department of the University.

LOCATION.

The University is located at Lewisburg, near the geographical centre of the State, on the West Branch of the Susquehanna River, in a valley famous for healthfulness and beauty. In addition to the natural advantages of the site, the founders of the Institution appreciated the quiet of an inland town for economical support and retirement in study, particularly as it was found that other corporations had so located "their respective colleges as to leave in the central and northern part of Pennsylvania, a region extending more than two hundred miles from East to West, and more than one hundred from North to South, wholly unoccupied by any literary institution above the grade of an ordinary academy." Since the founding of the University, the multiplication of railroads has rendered access easy to every part of the State. Arrangements have recently been made whereby all students of the University may ride over the lines of the Reading Road at reduced rates. Excursion tickets may also be procured over the lines of the Pennsylvania Railroad, and the Delaware, Lackawanna and Western Railroad.

THE UNIVERSITY PROPERTY.

The Buildings of the College and the Academy are situated in a grove of native trees, on the south side of the Borough of Lewisburg, and are included within a campus of about fourteen acres.

The College Buildings consist of a main edifice 80 feet square, with two wings—the East and the West—each 120 by 30 feet. In the Main Building are Recitation Rooms, the Library, the Museum, Rooms for the Literary Societies, and Commencement Hall. The wings contain Dormitories, and Study Rooms heated with furnaces. Water from the Lewisburg Water Works has been introduced into the Building.

The Academy Building is on College Hill, and is well adapted to its purposes. It contains a Dining Hall, Students' Rooms, Recitation Rooms, and Society Halls, together with the rooms of the Principal's family and the Matron, and accommodations for the Boarding Department. Valuable improvements, including steam heat and water from the Lewisburg Water Works, have recently been added. The New East Hall is described on page 53.

The Institute Building stands in a Campus by itself, between the College and the borough, the grounds comprising about six acres. The Building is lighted with gas and heated by steam, and contains Recitation Rooms, Parlors, Apartments for students, a Boarding Department, and rooms of the Principal and teachers. Water and bathing accommodations have been recently introduced into the Building. The Annex Building is described on page 74.

Bucknell Hall, recently erected by Mr. William Bucknell, is a beautiful and commodious Chapel, in which all Departments of the University meet for morning worship.

Mr. William Bucknell has presented to the University a first-class Astronomical Observatory. The equipment includes a ten-inch Equatorial, a Transit instrument, and all the appliances essential to a working Observatory. The building and instruments are now in use.

The Alumni have started a fund for the erection of a Gymnasium. The matter is in the hands of an efficient committee, and it is hoped that the required amount will soon be raised.

The University owns a President's house and a Janitor's house.

ORGANIZATION.

The University embraces no professional schools, the Theological Department having been removed and re-organized as the Crozer Theological Seminary, at Upland, Pa. The University, as now organized, aims to impart sound instruction in all non-professional studies. To this end the Institution comprises three Departments: The College, for those who wish a full course of study; the Academy, for those preparing for College, for teaching in the public schools, or for business; and the Institute, for young women in all branches. These three Departments occupy separate buildings, but are under one Corporation and have one President, and hence enjoy the advantages of inter-relation and coöperation without the disadvantages of too close connection.

THE COLLEGE.

THE FACULTY AND OTHER OFFICERS.

GEORGE G. GROFF, M. D., LL. D., ACTING PRESIDENT,

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INSTRUCTOR IN PSYCHOLOGY AND ETHICS.

ADA CARLTON GROOM, A. B.,

INSTRUCTOR IN ELOCUTION.

WILLIAM CHRISTIAN GRETZINGER,

BUSINESS AGENT.

*In Europe, on leave of absence, but will return in season to hear all his classes for the year.

The Alumni.

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THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Owen Ewans Abraham,	*Abrams*,	No. 12, E. W.
Joseph Maxwell Ashton,	*Hopwell, N. J.*,	No. 18, E. W.
Thomas Winfield Booth,	*Limestone*,	No. 23, E. W.
Oliver Blackburn Finn,	*Coatesville*,	Mr. Jacob Leffler.
William Christian Gretzinger,	*Reading*,	No. 12, E. W.
Edwin Heister Guie,	*Catawissa*,	No. 31, E. W.
Frank Bentley Brashear Hargrave,	*Greensburg*,	No. 5, W. W.
William Charles Leinbach,	*Scranton*,	No. 24, E. W.
Thomas Quintin,	*Ariel*,	Rev. A. J. Furman.
Jesse Oliver Shipman,	*Paxinos*,	No 5, E. W.
Charles Abbot Walker,	*Philadelphia*,	No. 23, E. W.
Raymond West,	*Bridgeton, N. J.*,	No. 7, E. W.
Joseph Meixell Wolfe,	*Lewisburg*,	Hon. C. S. Wolfe.

THE JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Charles Foster Campbell,	*Sunbury*,	No. 13, E. W.

NAME.	RESIDENCE.	ROOM.
William Musser Courson,	*Akron, O.*,	No. 7, E. W.
William Farrow, Jr.,	*Snydertown*,	Miss Mendenhall.
James Harry Haslam,	*Marple*,	No. 7, W. W.
Willard Carey MacNaul,	*Williamsport*,	No. 26, E. W.
Emanuel Edgar Pawling,	*Selinsgrove*,	No. 6, E. W.
Richard Lloyd Schroyer,	*Selinsgrove*,	No. 4, E. W.
Eveline Judith Stanton,	*Chinchilla*,	Institute.
John Irven Woodruff,	*Selinsgrove*,	No. 6, E. W.
Joseph Sutton Young,	*Deanville*,	No. 7, W. W.
William Eugene Zeller,	*Mifflinburg*,	Mr. T. E. Halfpenny.

THE SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Clayton Bennett,	*Lewisburg*,	Mrs. M. R. Bennett.
Ralph Charles Henry Catterall,	*Eldred*,	No. 22, E. W.
Robert Burr Dunmire,	*Richardsville*,	No. 21, E. W.
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John Thomas Hyatt,	*Lewisburg*,	Dr. P. F. Hyatt.
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Elisha Moore Lake,	*Elmira, N. Y.*,	No. 29, E. W.
Claudius Grimsley Langford,	*Weston, W. Va.*,	No. 8, E. W.
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Charles Knecht Newell,	*Philadelphia*,	No. 11, E. W.
Harriet Bixby Pitts,	*Mansfield*,	Institute.
Clarence Edward Shuster,	*Renovo*,	No. 15, E. W.

NAME.	RESIDENCE.	ROOM.
Foster Henry Starkey,	*Mansfield*,	No. 30, E. W.
Almon Odell Stevens,	*Factoryville*,	No. 22, E. W.
Paul Tustin,	*Bloomsburg*,	Mrs. F. W. Tustin.

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NAME.	RESIDENCE.	ROOM.
Charles William Allen,	*Scranton*,	No. 24, E. W.
Annie Catherine Carlisle,	*Williamsport*,	Institute.
Elton Smith Corson,	*Beesley's Point, N. J.*,	No. 27, E. W.
Philip Jackson Dickerson,	*Lula, Va.*,	No. 19, E. W.
Homer Dowlin,	*Downingtown*,	No. 32, E. W.
Sarah Elizabeth Evans,	*Red Bank, N. J.*,	Institute.
Frank Elmer Harkness,	*Philadelphia*,	No. 6, W. W.
Samuel Iredell,	*Bridgeton, N. J.*,	No. 11, E. W.
Charles Koonce,	*Lewisburg*,	No. 30, E. W.
Willard Arthur Laning,	*Fleming*,	No. 16, E. W.
Otto Lansberg,	*Connellsville*,	No. 14, E. W.
George Fred Love,	*Princeton, N. J.*,	No. 16, E. W.
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ADMISSION.

TO FRESHMAN STANDING.

I. GENERAL REQUIREMENTS.—Examinations for admission to the Freshman Class will be held on Monday of Commencement week, June 4th, candidates assembling in Bucknell Hall at 8:30 A. M., and coming supplied with pencil and paper.

Like examinations are also held on the day preceding the opening of each term. In special cases, candidates may be examined and admitted at other times in the year.

Candidates are expected to come well prepared in the English branches named below. They will be as strictly examined in these studies as in the Ancient Languages and Mathematics.

There must be furnished to the President by the candidate satisfactory testimonials of good moral character, and, if he come from another College, a certificate of honorable dismission must be presented.

The required age for admission to the Freshman Class is fifteen years.

II. PARTICULAR REQUIREMENTS.—They are as follows for the two Courses respectively:

I. THE CLASSICAL COURSE.

To enter the Classical Course, the student must sustain an examination in:

ENGLISH.

1. Writing from dictation.
2. English Grammar.
3. Elements of Rhetoric—Invention, Style, and Punctuation.
4. A brief composition upon a subject assigned at the time of the examination. For the year 1889 the subject will be taken from one of the following: Shakespeare's Merchant of Venice, Scott's Quentin Durward, Irving's Bracebridge Hall.

MATHEMATICS.

1. Arithmetic, including the Metric System.
2. Algebra—to Quadratic Equations. The requirements in this study are intended to include the treatment of Radicals, and will be most nearly met as a whole by the use of Wells' University Algebra.
3. Plane Geometry—Wentworth.

LATIN.

1. Latin Grammar—Allen and Greenough's, or Harkness'.
2. Allen's Latin Prose Composition—Part I.
3. Four books of Cæsar's Commentaries.
4. Six Orations of Cicero.
5. Six books of Vergil's Æneid.

GREEK.

1. Greek Grammar—Hadley and Allen's preferred.
2. Jones' Greek Prose Composition—20 Lessons.
3. Greek Reader.
4. Four books of Xenophon's Anabasis.
5. Three books of Homer's Iliad.

HISTORY.

1. Smith's Smaller History of Rome.
2. Smith's Smaller History of Greece.
3. Elements of United States History.

SCIENCE.

1. Geography—Descriptive, Political, and Physical.
2. Elementary Natural Philosophy and Physiology.
3. In addition the reading is recommended of Morse's First Book in Zoölogy, Gray's How Plants Grow, and Dana's Geological Story Briefly Told, or works of a similar grade.

In any of the subjects of examination, satisfactory equivalents will be accepted instead of the text-books named.

II. THE SCIENTIFIC COURSE.

I. THE LATIN DIVISION.—To enter the Latin Division of the Scientific Course the candidate must sustain an examination in the above named studies, except Vergil and Greek.

II. THE GREEK DIVISION.—To enter the Greek Division of the Scientific Course the candidate must sustain an examination in the above named studies except Latin, the fourth book of the Anabasis of Xenophon, and Homer's Iliad.

TO ADVANCED STANDING.

I. GENERAL REQUIREMENTS.—A proportionate increase of age is requisite for admission to advanced classes, over that required for admission to Freshman standing. Other general requirements are the same as for admission to the Freshman Class.

II. PARTICULAR REQUIREMENTS.—Candidates for admission to advanced classes are examined both as for admission to Freshman standing, and also in the studies that have been pursued by the class which they desire to enter.

LOCAL EXAMINATIONS FOR ADMISSION.

Upon the recommendation of the Alumni Association, it has been decided to hold entrance examinations for College at other places besides Lewisburg. Arrangements have accordingly been made for conducting such examinations at Philadelphia, Pittsburg, Harrisburg, and Scranton. Those intending to present themselves for examination at either of these places should inform the Acting President of the University of their intention, and the necessary information as to details will be furnished.

The date on which these examinations will be held is Friday, June 21st, 1889.

Courses of Study.

The following Courses of Study may be pursued in the College:

I. The Classical Course extends through four years, and aims to furnish a liberal education in the classics, the sciences, the arts, and literature. It comprises, substantially, the studies of the established college curriculum, with the addition of such branches as modern life seems to demand. Within recent years German, French, English Literature, Mediæval and Modern History of Europe, Constitutional Law, Comparative Zoölogy, and Anthropology have been added as required studies, and Practical Astronomy, Microscopic Botany, American Literature, Italian, Spanish, Analytical Chemistry, Applied Chemistry, Calculus, Quarternions, Biology, Civics, and New Testament Greek have been added as electives. Students who have satisfactorily pursued this course are admitted to the degree of Bachelor of Arts.

II. The Scientific Course, in each of its two divisions, also extends through four years, and aims to furnish a thorough training in advanced studies to those who desire to pursue but one of the Ancient Languages. This course contains eight terms of such language study, be it of Latin or Greek, most of the other studies of the Classical Course, with some addition of Scientific subjects. Students pursuing this course recite, so far as possible, with classical students. Those who have satisfactorily completed the studies of the course are admitted to the degree of Bachelor of Science.

In the selection of optional studies in either of the above courses, the choice must be made with the approbation of the Faculty.

III. The Eclectic Course is not limited to any definite time, and does not lead to any degree. It is designed to furnish advanced instruction in literature, science, and the arts to such students as do not intend to pursue a regular course of study, but desire to select certain special branches. The College will furnish special students with such studies as they may elect only at the times announced in the Schedule of Daily Recitations, found on another page. Every student is required to select at least three studies from those taught during any given term, and these are to be pursued at the same time. Students will not be allowed to pursue studies for which they are not fully qualified by their previous training. A certificate will be given by the President at any time, stating what studies have been completed and the grade attained in them. This certificate will be accepted as equivalent to an examination, provided the holder, at any time, prefers to be transferred to either of the regular courses.

A conspectus of the regular Curricula is presented on pages 17—21.

STUDENT'S

SCHEDULE OF DAILY RECITATIONS.

FOR THE FIRST TERM

CLASS.	HOUR.	SUBJECT.	INSTRUCTOR.
Senior.....	8.30	DEMOSTHENES. Op.	Prof. Castle.
	8.30	History of Mediæval Europe. Op.	Prof. Loomis.
	9.30	Practical Astronomy. Op.	Prof. Bartol.
	11.15	Psychology.	Dr. Hyslop.
	4.00	Geology.	Prof. Groff.
Junior.....	8.30	Tacitus and Pliny.	Prof. Rockwood.
	8.30	*Demosthenes.*	Prof. Castle.
	9.30	French.	Prof. Loomis.
	4.00	GERMAN. Op.	Prof. Loomis.
	4.00	Analytical Chemistry. Op.	Prof. Owens.
Sophomore...	8.30	English Literature.	Prof. Perrine.
	10.00	*Odyssey.*	Prof. Castle.
	11.15	Trigonometry.	Prof. Bartol.
	4.00	GENERAL CHEMISTRY.	Prof. Owens.
	4.00	*De Senectute.*	Prof. Rockwood.
Freshman....	8.30	Geometry.	Prof. Bartol.
	9.30	*Vergil.*	Prof. Rockwood.
	10.00	ODYSSEY.	Prof. Castle.
	11.15	*Xenophon.*	Prof. Castle.
	4.00	DE SENECTUTE.	Prof. Rockwood.
	4.00	*General Chemistry.*	Prof. Owens.

FOR THE SECOND TERM

CLASS.	HOUR.	SUBJECT.	INSTRUCTOR.
Senior.....	8.30	APPLIED CHEMISTRY. Op.	Prof. Owens.
	8.30	ENGLISH ORATORY. Op.	Prof. Perrine.
	8.30	History of Modern Europe. Op.	Prof. Loomis.
	8.30	*American Literature.* Op.	Prof. Perrine.
	9.30	Practical Astronomy. Op.	Prof. Bartol.
	9.30	*Quantitative Analysis.* Op.	Prof. Owens.
	11.15	Anthropology.	Dr. Hyslop.
	3.00	Terence, Juvenal. Op.	Prof. Rockwood.
	4.00	Rhetoric.	Prof. Perrine.
Junior.....	8.30	GREEK DRAMA.	Prof. Castle.
	8.30	*Applied Chemistry.*	Prof. Owens.
	9.30	Logic.	Prof. Perrine.
	11.15	Physics.	Prof. Owens.
Sophomore...	8.30	Analytical Geometry; Quarternions, elective.	Prof. Bartol.
	9.30	Horace.	Prof. Rockwood.
	10.00	*Tucydides and Herodotus.*	Prof. Castle.
	4.00	Animal Physiology.	Prof. Groff.
Freshman....	8.30	*Vergil.*	Prof. Rockwood.
	10.00	TRUCYDIDES AND HERODOTUS.	Prof. Castle.
	11.15	Algebra.	Prof. Bartol.
	3.00	*Iliad.*	Prof. Castle.
	4.00	German.	Prof. Loomis.

FOR THE THIRD TERM

CLASS.	HOUR.	SUBJECT.	INSTRUCTOR.
Senior.....	8.30	PLATO. Op.	Prof. Castle.
	8.30	French. Op.	Prof. Loomis.
	8.30	Quantitative Analysis. Op.	Prof. Owens.
	10.00	Ethics.	Dr. Hyslop.
	11.15	Economics.	Prof. Perrine.

Junior.....	8.30	Astronomy.	Prof. Bartol.
	8.30	*Plato.*	Prof. Castle.
	10.00	American Civics. *Op.*	Prof. Perrine.
	11.15	Biology. *Op.*	Prof. Groff.
	11.15	Calculus. *Op.*	Prof. Bartol.
	4.00	Latin Poets.	Prof. Rockwood.
Sophomore...	9.30	*Livy.*	Prof. Rockwood.
	10.00	Memorabilia.	Prof. Castle.
	11 15	Mechanics.	Prof. Owens.
	4.00	French.	Prof. Loomis.
Freshman....	8.30	*Vergil.*	Prof. Rockwood.
	9.30	LIVY.	Prof. Rockwood.
	11.15	German.	Prof. Loomis.
	3.00	*Iliad.*	Prof. Castle.
	4.00	Botany.	Prof. Groff.

Studies in CAPITALS are taken by Classical Students only; in Roman, by Classical and Scientific Students reciting together; in *Italics*, by Scientific Students only.

The announcements above made are in a few instances subject to change.

An OFFICER'S SCHEDULE OF DAILY RECITATIONS is printed separately.

CURRICULA.

I. THE CLASSICAL COURSE.

FRESHMAN YEAR.

I. TERM—	Solid Geometry,	Wentworth's New.
	Greek—Homer's Odyssey,	Merry.
	Prose Composition,	Jones.
	Latin—Cicero de Senectute, et de Am.,	Stickney.
	Prose Composition.	
	Elements of Practical Ethics,	Lectures.
	Hygiene,	Lectures.
II. TERM—	Greek—Selections from Thucydides and Herodotus.	Mather.
	Algebra,	Wells' University
	German—Grammar,	Sheldon.
	Deutsches Sprach- und Lesebuch,	Bernhardt.
	English into German,	Collar.
	Colloquial German,	Rosenthal.
	Elocution.	
III. TERM—	Latin—Livy,	Lincoln.
	Prose Composition.	
	German—Jungfrau von Orleans,	Nichols.
	English into German,	Collar.
	Colloquial German,	Rosenthal.
	Botany, with Plant Analysis and Lectures,	Gray.
	Elocution.	

SOPHOMORE YEAR.

I. Term—	English—Early English, and English Literature.	
	Class Essays on English Authors.	
	Trigonometry and Surveying,	Wentworth.
	General Chemistry, with Lectures,	Eliot and Storer.
II. Term—	Mathematics—Analytical Geometry,	Wood.
	Quarternions, elective,	Wood.
	Horace—Odes, Satires, Epistles,	Lincoln.
	Animal Physiology,	Lectures.
III. Term—	Greek—Xenophon's Memorabilia of Socrates,	Winans.
	Greek Literature,	Jevons.
	Mechanics,	Kimball.
	French—Practical French,	Whitney.
	Modern Prose Authors,	Jenkins.
	Colloquial French,	Rosenthal.

JUNIOR YEAR.

I. Term—	Latin—Tacitus, Germania and Agricola,	Tyler.
	Pliny, Letters,	Holbrooke.
	French—Classic Authors,	Various Editions.
	English into French,	Fasnacht.
	Colloquial French,	Rosenthal.
	German—Hauff, Moser, François, Byr.	
	German Composition,	Otto.
	Colloquial German, *or*	Rosenthal.
	Spanish—Grammar,	Knapp.
	Modern Spanish Readings,	Knapp.
	Analytical Chemistry,	Prescott.
II. Term—	Greek—Œdipus Rex,	White.
	The Greek Drama.	
	Logic,	Hill's Jevons.
	Physics, with Lectures,	Kimball.
III. Term—	Astronomy,	Snell.
	American Civics, *or*	Lectures.
	Lectures on Biology, *or*	Laboratory Work.
	Calculus,	Taylor.
	Latin—Selections from Latin Poets,	Crowell.

SENIOR YEAR.

I. Term—	Greek—Demosthenes, Popular Orations, *or*	Tyler.
	History of Mediæval Europe, *or*	
	Practically Astronomy,	Loomis.
	Psychology,	Lectures.
	Geology and Mineralogy,	Lectures.
	Sanitary Science,	Lectures.

II. Term—Applied Chemistry, *or*		Laboratory Work.
English Oratory, *or*		
History of Modern Europe, *or*		
Practical Astronomy, *or*		Loomis.
Latin—Terence, Juvenal.		
Anthropology,		Lectures.
Rhetoric,		Hill's Science.
III. Term—Greek—Plato's Philosophical Writings, *or*		Woolsey.
New Testament Greek, *or*		
French—Musset, Halévy, Sand, About.		
French Composition,		Blouet.
Colloquial French,		Rosenthal.
French Idioms, *or*		Bué.
Italian—Grammar,		Grandgent.
Racconti Militari,		De Amicis.
Italian History and Literature, *or*		
Quantitative Analysis,		Fresenius.
Ethics,		Lectures.
Economics,		Lectures.

II. THE SCIENTIFIC COURSE.

FRESHMAN YEAR.

I. Term—Solid Geometry,		Wentworth's New.
Vergil,		Greenough.
Xenophon's Anabasis,		Goodwin.
General Chemistry, with Lectures,		Eliot and Storer.
Elements of Practical Ethics,		Lectures.
Hygiene,		Lectures.
II. Term—Vergil,		Greenough.
Algebra,		Wells' University.
Homer's Iliad,		Keep.
German—Grammar,		Sheldon.
Deutsches Sprach- und Lesebuch,		Bernhardt.
English into German,		Collar.
Colloquial German,		Rosenthal.
Elocution.		
III. Term—Vergil,		Greenough.
German—Jungfrau von Orleans,		Nichols.
English into German,		Collar.
Colloquial German,		Rosenthal.
Homer's Iliad,		Keep.
Botany, with Plant Analysis and Lectures,		Gray.
Elocution.		

SOPHOMORE YEAR.

I. Term—English—Early English, and English Literature.	
Class Essays on English Authors.	
Greek—Homer's Odyssey,	Merry.
Trigonometry and Surveying,	Wentworth.
Latin—Cicero de Senectute, et de Am.,	Stickney.
II. Term—Mathematics—Analytical Geometry,	Wood.
Quarternions, elective,	Wood.
Horace—Odes, Satires, Epistles,	Lincoln.
Greek—Selections from Thucydides and Herodotus,	Mather.
Animal Physiology,	Lectures.
III. Term—Livy,	Lincoln.
Xenophon's Memorabilia of Socrates,	Winans.
Mechanics,	Kimball.
French—Practical French,	Whitney.
Modern Prose Authors,	Jenkins.
Colloquial French,	Rosenthal.

JUNIOR YEAR.

I. Term—Latin—Tacitus, Germania and Agricola,	Tyler.
Pliny, Letters,	Holbrooke.
Demosthenes, Popular Orations,	Tyler.
French—Classic Authors,	Various Editions.
English into French,	Fasnacht.
Colloquial French,	Rosenthal.
Analytical Chemistry,	Prescott.
II. Term—Applied Chemistry,	Laboratory Work.
Logic,	Hill's Jevons.
Physics, with Lectures,	Kimball.
III. Term—Astronomy,	Snell.
Greek—Plato, *or* New Testament.	
American Civics, *or*	Lectures.
Lectures on Biology, *or*	Laboratory Work.
Calculus,	Taylor.
Latin—Selections from Latin Poets,	Crowell.

SENIOR YEAR.

I. Term—History of Mediæval Europe, *or*	
Practical Astronomy,	Loomis.
Psychology,	Lectures.
Geology and Mineralogy,	Lectures.
Sanitary Science,	Lectures.

II. Term—	History of Modern Europe, *or*	
	American Literature, *or*	
	Practical Astronomy, *or*	Loomis.
	Quantitative Analysis, *or*	Fresenius.
	Latin—Terence, Juvenal.	
	Anthropology,	Lectures.
	Rhetoric,	Hill's Science.
III. Term—	French—Musset, Halévy, Sand, About.	
	French Composition,	Blouet.
	Colloquial French,	Rosenthal.
	French Idioms, *or*	Bué.
	Italian—Grammar,	Grandgent.
	Racconti Militari,	De Amicis.
	Italian History and Literature, *or*	
	Quantitative Analysis,	Fresenius.
	Ethics,	Lectures.
	Economics,	Lectures.

Oratory.

CLASS EXERCISES

Special instruction in Elocution and Oratory is given throughout the year to members of the College.

FRESHMAN CLASS.

The Freshman Class meet on alternate Thursday mornings. During each term two Declamations are delivered by each member.

SOPHOMORE CLASS.

The Sophomore Class meet on alternate Thursday mornings. During each term one Declamation is delivered by each member.

JUNIOR CLASS.

Each member of the Junior Class prepares two Orations each term. Some of these are pronounced publicly in Bucknell Hall.

SENIOR CLASS.

Each member of the Senior Class prepares one Oration each term. One at least of these is pronounced publicly in Bucknell Hall.

PUBLIC EXHIBITION.

JUNIOR CLASS.

The date of the Public Exhibition of the Junior Class in Oratory will be found stated in the Calendar of the University, page 79.

LECTURES.

THURSDAY MORNINGS.

The following Courses of Thursday morning Lectures have been established. The Lectures are given immediately after the Chapel exercises, are for one hour each, and continue through the year.

SENIOR CLASS.

The President every week on the History of Philosophy, Natural Theology, and the Evidences of Christianity.*

JUNIOR CLASS.

Professor Groff every week from September 27th until December 13th on Descriptive Mineralogy.

Professor Owens every week from January 10th until March 21st on Electricity and Magnetism.

Professor Perrine every week from April 11th until June 13th, on the Origin and Development of the English Language.

SOPHOMORE CLASS.

Professor Bartol every other week from October 4th until February 7th, on Linear Perspective.

Professor Loomis every other week from February 21st until June 13th, on French Literature.

FRESHMAN CLASS.

Professor Castle every other week from September 27th until January 31st, on Grecian Antiquities and History.

Professor Rockwood every other week from February 14th until June 6th, on Roman Antiquities and Literature.

MONDAY MORNINGS.

SENIOR CLASS.

During the First term, Professor Groff will deliver a course of lectures on Sanitary Science.

FRESHMAN CLASS.

During the First term, the President will give lectures on Practical Ethics,* to be followed by lectures on Hygiene by Professor Groff.

During the months of May and June Professor Groff will deliver a course of lectures on Apiculture. This course is open to all students.

*Subject to change.

Departments of Instruction.

The method of instruction in the College is partly by text-books, and partly by lectures, according to the nature of the subject discussed. Each Professor has his individual mode of imparting knowledge, and this, in the result, is advantageous to the learner. In general, the aim is to discuss each subject as far as possible as the subject matter requires, yet all branches are presented practically, comparatively, and historically, with the view of leading the student to the apprehension of the subject as a whole, and in its organic relations, rather than to fill the memory with the phraseology of a text-book. The range and character of the instruction can be most accurately gathered from the following account of the different departments.

I. THE ENGLISH LANGUAGE AND LITERATURE.

The aim in this Department is to cultivate the power and habit of (1) accurate thinking, (2) correct and effective composition, and (3) intelligent criticism of leading English authors. To this end,

Logic is required in the second term of the Junior year, and in both its branches, (1) Formal and (2) Applied, is discussed by text-book, class disputations, and references for collateral reading.

Rhetoric, the essentials of which are required for entrance, is pursued with the Senior Class rather as a science, in which its leading principles are discussed. The students are required to establish the principles set forth by selections from the best authors and by class essays from time to time. Instruction is given by text-book and lectures.

English Literature.—This is pursued in the first term of the Sophomore year, and only the representative authors of each successive period are studied. Less attention is paid to the text book than to a critical reading, in the class, of the best work of each author; and as helps to this end, such texts as Lounsbury's Parlament of Foules, Kitchin's Faery Queene, Hudson's Shakespeare, Mackie's Macaulay's Essay on Milton, etc., are used. The student will be urged to know, rather than to know about English Literature.

American Literature.—An optional course is offered to the Seniors, Richardson being used as a basis.

Lectures.—Four lectures are given to the Freshmen on English Composition, four to the Juniors on The Oration, and to the latter class a series on The Origin and Development of the English Language.

Essays.—The Freshmen are required to present two essays in the first term, and three in the second and third terms, respectively; the Sophomores, three essays each term; the Juniors, two orations, and the Seniors one oration each term. These do not include the orations to be prepared for the exercises of Junior Exhibition and of Commencement.

II. THE LATIN LANGUAGE AND LITERATURE.

It is the aim of this Department to make the student acquainted with the best authors in Roman Literature, and to give him the most complete mastery of the Latin Language possible in the allotted time. In the first term of the Freshman year, special attention is given to Etymology and Syntax, for the purpose of grounding the student so thoroughly in the forms and principles of the language that the subsequent part of his course in this Department may be pursued with the best results. A critical reading of assigned lessons is required throughout the course, with frequent exercises in written translations, and oral and written exercises in Latin Composition. The work in reviews is varied by occasional exercises in translation at hearing. In addition to the assigned lessons, selections from all the authors studied are read at sight, for the purpose of giving the student facility in rapid translation. The attention of the student is constantly called to all historical and biographical allusions in the text, and also to the derivation of English words from Latin. Special provision is made for extra work in this Department. Students that are qualified will be allowed to read Catullus, Ovid, Quintilian, Pliny, Seneca, Suetonius, and others. Instruction will also be given, to those desiring it, in Classical Philology. Lectures are given to the Freshmen on Roman History and Antiquities; to the Sophomores on the Sources of Cicero's Philosophy; to the Juniors on the History and Development of the Latin Language and Literature.

III. THE GREEK LANGUAGE AND LITERATURE.

In this Department the most prominent authors in Grecian History and Literature are selected for study. There are five terms of required work, and an optional term, during which those who so elect will read selections from Plato, or take an extended course in New Testament Greek, in which weekly exercises are also required during part of the Freshman and Sophomore years. Arrangements are made for those who desire to pursue further the authors already read in class or others not named in the Curriculum.

In the earlier part of the course attention is paid to a review of Syntax, literal translation, study of the formation and derivation of Greek words, prose composition, and Grecian History.

The student is encouraged to translate as much as possible from his knowledge of themes and stems and without the use of the lexicon. To facilitate this object translation at sight and at hearing will be practiced during the whole course at such times as the needs of the various classes seem to require.

While the student is always expected to know the literal translation, he is required to give his rendering in idiomatic English.

Special attention is paid to Greek Metres in connection with the reading of Greek Poetry.

No effort will be spared to make the student self-reliant, and, as far as possible, independent in his work. In short, the aim of this Department is to give as thorough a knowledge of the Greek Language and Literature as the time allotted will permit. The methods of the best American Colleges are employed.

IV. MODERN LANGUAGES.

There are daily recitations in both French and German for a period of twenty-six weeks. Attention is given, first, to the elements of Grammar; afterwards, to the critical reading of some of the masterpieces of either language. The method of instruction is inductive as well as deductive, and as large a proportion of attention as can profitably be so devoted within the limitations of a college course is aimed to be given in both languages to practical exercises. These embrace considerable drill in colloquial speech and an extended course in French and German composition. This instruction is supplemented by a course of lectures in which some prominent feature in the history of either language is examined in detail. The subject treated varies from time to time. Last year it was "The Origin and Development of the French Language."

French and German may each, as optional studies, be pursued in a daily recitation for an additional term of thirteen weeks. In place of German, Spanish may be substituted, and Italian in place of French.

V. MEDIÆVAL AND MODERN HISTORY.

A somewhat extensive acquaintance with Ancient History is a requirement for admission. The historical course in College is devoted, first, to the History of Mediæval Europe, with a view to ascertaining the principle which have governed its social and political development; secondly, to the History of Modern Europe, with the object of showing how have been evolved the form and character of its states as they now exist. The method of study is a varied one, being by text-book, lectures, and topics assigned for individual research. These courses, extending each as a daily study through one term, are elective for Seniors.

VI. MATHEMATICS AND ASTRONOMY.

It is believed that the processes of Higher Mathematics lie within the comprehension of ordinary minds, and that the difficulties usually incident to their mastery are largely those of methods of presentation. Accordingly,

the attempt is made to bring within easy reach of all students the elements of those processes which are the means of investigation into the exact sciences and the instruments best adapted to the purposes of the engineer, astronomer, etc. It is intended so to pursue the study of Mathematics that its intrinsic worth, wide application to practical affairs, and disciplinary power may be felt to afford full compensation for the hard labor its acquisition demands.

Geometry, Solid and Spherical.—The class-room work of the student in this subject consists not only in stating and proving the propositions of the text-book, but also in discovering and enunciating new relations of geometric concepts, in inventing methods of proof, and in making original applications to practical problems. Thus exemplifying the utility of this subject, the learner pursues it with increasing interest, and obtains the full benefit of that training which looks to discipline as well as to information.

Higher Algebra.—In carrying forward a course of mathematical study, Algebra becomes an instrument which renders valuable service. Accordingly, the supreme importance of that training which gives readiness in comprehending, and facility in performing algebraic processes, is recognized in the class-room. The topics discussed are: Quadratic Equations, higher quadratic forms with the theory; the Theory of Exponents; Progressions; the Theorem of Undetermined Coëfficients, with applications to expansion and reversion of series and decomposition of fractions; the demonstration and application of the Binomial Theorem; the Theory and Use of Logarithms; the elements of the Theory of Equations.

Trigonometry and Surveying.—The course includes Plane and Spherical Trigonometry. It is as extensive as that in our best schools, but does not include those discussions and investigations which are important for specialists only. Time is given to numerical illustrations of principles, for the purpose of making sure that the meaning and use of formulæ, demonstrated and learned, are thoroughly understood. The use of Surveying Instruments is taught. Measurements with the chain and compass are made, and areas computed. The measurements of heights and distances by means of the transit are made, the student computing his own field notes. Laying out and dividing up land, and leveling, with practice, complete the course. The course is not intended to meet the wants of the engineer, but includes such principles and practice as are most valuable to the general student.

Analytical Geometry, and The Calculus.—Analytical Geometry is required. The Differential and Integral Calculus is elective with American Civics or Biology. In these subjects as great a variety of topics as can be studied with advantage is selected, and the time devoted to them which is usually given in our best colleges.

Astronomy.—The course is completed with the subject of Astronomy, but the aim is to treat Astronomy not merely as an application of mathematics, but as a science whose grand principles are an essential part of a finished education. The facts of Astronomy are studied rather than the speculations, but great pains are taken to present the latest real information in all branches of the science. There are two terms in Practical Astronomy elective with other subjects. Students choosing the Astronomy are required to learn the use of the instruments of the Observatory, and to make such observations as are requisites in a practical acquaintance with the subject.

VII. PHYSIC AND CHEMISTRY.

Physics.—In Physics the instruction comprises two terms' work in Mechanics, Sound, Heat, and Optics, and a course of experimental lectures on Magnetism and Electricity. Numerous problems are solved by the student, illustrating the practical applications of the theories and laws mentioned in the text. There is a well equipped Laboratory connected with the department, and all points in the lesson are illustrated before the class by experiments.

General Chemistry is taught by text-book and by lectures. Every chemical substance mentioned in the lesson is placed on the lecture table, to be examined by the student before the recitation. In the lecture room is a case of minerals illustrating the natural and commercial sources of the elements and their more common salts. Students are required to make themselves familiar with all the chemical substances and minerals mentioned in their text-book or in the lectures. The lectures are designed to bring before the student all recent important advances in Theoretical and Practical Chemistry.

Besides the examination at the end of the term, students are expected to hold themselves in readiness for special examinations at any time. In addition to the recitations, there is offered also a short course in Chemical Manipulation, in which the student performs the experiments mentioned in his text-book, and thus becomes familiar with the use of the apparatus and learns how to experiment, thereby preparing himself to teach the science. This course occupies three hours a week during two months, and is taken up during the latter portion of the time devoted to General Chemistry.

Analytical Chemistry is open to those only who have completed and been examined in General Chemistry. In this course students examine sixty known solid and liquid substances, noting their various re-actions. They are then given unknown substances, several in one mixture, which they are required to determine. The course is completed when sixty unknown mixtures have been determined and correctly reported.

Applied Chemistry, covering some topics in Medical Chemistry and Toxicology, Soil Analysis, and analysis of Iron Ores, can be pursued by those who have completed the other two courses.

Quantitative Analysis comprises those determinations which will be most useful to the student of general culture. It also offers to the specialist an opportunity to become acquainted with the methods of separation and manipulation. It is open to those who have taken General and Analytical Chemistry.

VIII. ORGANIC SCIENCE.

Physiology, Hygiene and Sanitary Science.—The great importance of these studies is recognized. Instruction is given by means of text-book and lectures, and supplemented by laboratory practice. Hygiene in all its important branches is carefully studied. These studies are illustrated by means of an excellent skeleton, manikin, numerous dry and wet preparations, and fresh specimens. There has recently been executed, under the direction of

Professor Groff, a large number of charts designed to facilitate the pursuit of these studies. Modern Sanitary Science receives careful attention.

Botany.—There is no study which, when rightly pursued, can better develop and strengthen the perceptive powers of the mind than Botany After a few weeks spent in the study of botanical terms and the anatomy of plant tissues, studied from plants and charts, the student commences to analyze plants. At first this is done in the class-room. Each student has the same plant, and also a blank schedule which requires an exhaustive analysis of the root, stem, leaf, flower, and fruit. One student reads off the characters of the plant from the plant itself, following the order of the schedule. In a few days students are able to do this readily. They may then perform the analyses in their rooms. As an evidence of work done, the analyses are required to be written out in ink, and students cannot pass in the study until sixty of these are presented. The botanical text-book is used only for its key, by means of which the name of the plant is found, but the name is, by this method, the last thing obtained; all the visible characters are first studied. An advanced course in Plant Physiology and Anatomy is open to students qualified. A course of lectures on Plant Anatomy and Plant Physiology concludes this course. Henslow's charts and several compound microscopes form a part of the available equipment.

Geology.—Instruction is given by text-book and lectures, and supplemented by laboratory practice. The course opens with laboratory work in Mineralogy and Lithology. Each student is required to collect and to label correctly all the minerals and rocks within a radius of several miles of the College. All accessible fossils are carefully studied. Instruction in Field Geology is given in the field. The collection of minerals belonging to the College has just been re-arranged with special reference to this work. A course in Blowpipe Analysis is offered to advanced students, and is recommended to all who desire a reliable knowledge of minerals.

Zoölogy.—In this study, instruction by text book and lectures is combined with laboratory practice. The laboratory is provided with material and with compound microscopes sufficient in number to afford opportunity to each student of devoting several hours a week to practical work. A small charge is made for the use of instruments.

An advanced course devoted to orginal research is offered to students qualified.

IX. THE MENTAL AND MORAL SCIENCES.

The studies in this Department are grouped with reference to a systematic examination of man as an individual and as a species. Assuming that the physical nature of man has been properly investigated in the study of Physiology, his psychical nature is examined in Psychology. The characteristics, origin, antiquity, and progress of the human species are then considered in Anthropology. The relations of individuals to one another through the common nature of the species are then treated of in Ethics. Finally, man's speculation with reference to the problems of being and knowing are

considered historically and critically in a course of lectures on Philosophy. More specific observations are necessary in order to convey an idea of the method of instruction in the different branches.

Psychology is taught by the Professor's text-book, supplemented by expository lectures. All the topics involved are freely discussed in the class-room, and the best authorities are extensively read to the class. The study includes the entire psychical nature, intellect, sensibilities, and will. The aim of the instruction is to build up the student's confidence in fundamental truth as revealed in his own consciousness, so that he may be able to meet fearlessly and combat successfully the current errors of the day.

Anthropology is taught by lectures and readings. It is considered as the science of the human species. Man's nature is distinguished from that of the lower animals, the problem of his origin is examined, the question of his antiquity is reviewed, the history of his progress sketched, the races of man are classified and their migrations traced, and the unity of the species is maintained. Use is made of photographic and scioptic pictures to enable the students to form clear ideas upon matters requiring pictorial illustration. The object of the instruction is to convey correct ideas upon the nature and origin of man, in opposition to erroneous theories of his relationship to brute creation and his participation in its destiny.

Ethics is treated as a form of inferential Psychology, and its principles are impressed upon the learner as logical results of the facts of his nature. The instruction is given by lectures. Special pains are taken to state and refute the erroneous theories of moral law, and to establish moral distinctions upon the intuitions of the mind. A short course of lectures on Practical Ethics is delivered to the Freshman Class at the beginning of their course of study, having in view the formation of character and the regulation of conduct.

Philosophy is considered as the sciences of knowing and being. The whole field of modern speculation since Descartes is traversed, each important system is stated and criticised, and an attempt is made to show what legitimate results have been obtained. Philosophy is brought to its culmination in Natural Theology. The speculative treatment of Revelation in the French and German theories of historical criticism is reviewed and considered in relation to the accepted laws of evidence.

X. ECONOMICS AND POLITICS.

Economics is considered as the science of exchanges, and is followed into its practical applications in manufacturing, banking, national credit, and international commerce, with illustrations from well-known facts and current events. It is insisted that any stable system of economy must find its foundation in Ethical principles. The outlines of the lectures with references to standard authorities are furnished to the students, and, after oral comments by the instructor, are studied by the learner and recited, with free class-room discussions.

Politics is considered as the science of government, but not in any partisan spirit. The different forms and theories of government are presented with historical examples; following which the Constitution of the United States is analyzed and the position of the government with reference to questions both foreign and domestic, is investigated in its historical development, much original work being required.

Libraries and Apparatus.

THE LIBRARIES AND READING-ROOM.

The College Library contains about 9,000 bound volumes, besides several thousand unbound pamphlets. The Library is open daily.

The Theta Alpha Society's Library is deposited in the Society's Hall, and contains about 600 volumes.

The Euepian Society's Library is also in the Hall of the Society, and contains about 550 volumes.

The Library of the Young Men's Christian Association consists mainly of works relating to Missions and Missionary fields, and contains about 300 volumes.

The Reading-Room, maintained by the College, provides a large supply of daily, weekly, and monthly periodicals, besides most of the leading Quarterlies and Reviews of this country and Great Britain.

The late William H. Backus, M. D., of the class of 1853, left his entire estate, subject to certain charges and restrictions stated in his will, to the Trustees of the University for the benefit of the Library. It is thought that the value of the estate will prove to be $100,000. This entire sum will ultimately constitute an endowment fund, the income of which will be used for the improvement and enlargement of the Library.

THE MUSEUM.

The College possesses a good collection of illustrative materials in Botany, Mineralogy, Geology, and Zoölogy. The specimens are distributed under these classifications and that of Archæology as follows:

Botany,	1329
Mineralogy,	2900
Geology,	1525
Zoölogy,	4410
Archæology,	500
Total,	10664

Additions to the Museum will always be thankfully received, especially of objects which can be utilized in the class-room.

Zoölogical specimens of all kinds are much needed, especially marine and fresh-water forms of life, insects, and skeletons of vertebrated animals. It is hoped that friends of the University, when visiting at the seaside, will remember its wants in this respect, and collect and forward the varied forms of animal life, which in such case should be placed in jars and covered with 50 per cent. alcohol. A much larger collection of birds and mammals would be very advantageous. The botanical collection is small, and its increase greatly desired. The mineral cabinet needs finely crystallized specimens to make it an excellent working collection. In the geological cabinet are needed complete sets of American, and especially Pennsylvania rocks. The aid of friends in securing these is earnestly solicited.

Contributions have been received during the past year from Rev. J. D. Judd; Rev. James Hyatt; Mr. Ruben F. Brown; W. C. Leinbach; M. C. Reinhold; Paul Tustin, and Miss Mary Williams.

LABORATORY AND APPARATUS.

The Laboratory is supplied with apparatus and chemicals for a thorough course of instruction in General Chemistry. Special attention is paid to experimental illustration, and each student is furnished with the requisite appliances to perform, under the direction of the Professor of this department, the experiments described in the text-book, and such others as may be necessary to elucidate satisfactorily the subject under study. The Chemical Laboratory has been fitted up for complete courses in Analytical, Applied, and Quantitative Chemistry.

Rooms have recently been fitted up for Anatomical and Physiological Laboratories; they are pleasant and well lighted, and are furnished with compound microscopes and other apparatus necessary for successful work. It is the intention to grant ample facilities in these studies.

ASTRONOMICAL OBSERVATORY.

The Observatory was founded in 1887 by Mr. William Bucknell, of Philadelphia, for the instruction of the students in Practical Astronomy.

The entire equipment is new and represents the latest improvements in this class of instruments. It consists of a Clark Equatorial Telescope of 10 inches aperture and 12¼ feet focal length, furnished with a fine position Micrometer and all the usual accessories; a Spectroscope with prism and grating by Brashear, the grating having 14,500 lines to the inch; a 3 inch Prismatic Transit with a 13 wire movable micrometer, by T. Ertel & Sons; a Fauth Chronograph with Bond spring governor; a Waldo Precision Clock for sideral time, with mercurial compensation, break circuiting apparatus,

Daniell's battery, and telegraph sounders; a Seth Thomas Clock for solar time; a Sextant; a 3 inch Altitude Azimuth Refractor; a set of Meteorological instruments; Celestial globes and maps, and standard works on Theoretic and Practical Astronomy.

THE ART COLLECTION.

The beginning has been made of a collection of paintings, casts, engravings, and heliotypes, for the illustration of the Fine Arts. The specimens now in possession of the College number about five hundred, of all kinds, and furnish very considerable aid in illustrating the principles, and to some extent the history, of painting and sculpture.

General College Orders.

ATTENDANCE.

Only under the most exceptional circumstances will excuse be granted to leave College during term time. In such exceptional cases the examinations on the studies gone over by the class, during a student's absence, will be specially searching, and a high degree of attainment will be exacted. One who is absent during an entire term must almost necessarily lose his standing in his class. The work of the term begins on the day of opening, and recitations are expected at the first hour appointed for the meeting of the classes. The work continues uninterruptedly, with the exception of holidays marked in the calendar, until the last day of the term.

STANDING.

Each instructor records, in numbers ranging from 0 to 10, the character of the recitations of every student reciting to him, and notes also any delinquency in conduct and attendance. The weekly summary of these markings is recorded in a permanent book, and constitutes the basis for determining the standing of the student during his connection with the Institution. Unexcused absences from recitation are counted as zeros in making up the weekly averages. At the close of each term an average of these marks is made out, and a report of the scholarship, attendance, and conduct of each student is transmitted to his parent or guardian by the President. No student is advanced from one class to another whose average in any study is less than 7.

Conditioned students are not recommended to the Board of Trustees for promotion, and their names in the Annual Catalogue appear with those of the class to which the study in question belongs. Students conditioned on entrance must discharge such conditions within the first year thereafter.

Appointments in the Graduating Class are made according to the aggregate standing of each member during his entire course. But in assigning these parts, the Faculty take into account the deportment of the student as well as marks for recitations. The minimum average for an Oration of the First Class is fixed at 9, and for an Oration of the Second Class, at 8. Providing conduct and attendance upon College exercises have been satisfactory, the Valedictory Addresses are given to the one who is the highest in his class, and the Latin Salutatory, to the one who is next.

EXAMINATIONS.

The dates of the Examinations are given in the Calendar. In case a student fails to be present at the examination of his class, for any justifiable reason, his examination will be held at such time as the Faculty may appoint.

PUBLIC WORSHIP.

The College duties of each day are opened with religious services in Bucknell Hall, which all the students are required to attend.

Attendance upon public worship at some Church in town on Sunday morning is required. Students must attend the religious services held on Thanksgiving Day.

On the Day of Prayer for Colleges, religious services are held in the forenoon, and a sermon is preached by the President, or by some one at his request. All the student are required to attend. In the afternoon, prayer meetings are held in the different Departments of the University, and in the evening, in connection with some of the Churches in town, attendance upon which is urged, though not required.

There is maintained by the students a prayer meeting on Tuesday evenings, attendance on which is optional.

VOLUNTARY SOCIETIES.

Euepia; Theta Alpha. These are the two Literary Societies in College. They have meetings on Friday evening of each week for Orations, Essays, and Debates. Each Society has a convenient Hall and a valuable Library, and, by an arrangement of the Faculty, will always have a nearly equal number of members.

The Young Men's Christian Association comprises students from both the College and the University Academy. It receives religious periodicals and corresponds with kindred Societies. A new Hall has recently been appropriated to the Society, and has been suitably furnished for religious meetings.

The Students' Publishing Association is an organization which has in charge the issuing of "The University Mirror." This periodical of some twenty or more quarto pages appears monthly during the collegiate year.

GOVERNMENT.

It is expected that all who enter the courses of study in the College do so for the purpose of acquiring an education, not only of the intellect, but also of character. The Laws of the College, enacted by the Board of Trustees, are as few and simple as the proper regulation of a community of young men will permit. These are printed, and a copy is placed in the hands of every student at the beginning of each year. These Laws must be observed, not only in their letter, but in their spirit. The atmosphere of the Institution is not that of arbitrary restraint, but of reasonable conformity to reasonable laws. The College does not wish to place its stamp or bestow its honors upon any one who is not willing to deport himself as a gentleman. Each student is distinctly placed upon his manhood, and if he abuses his privileges, after reasonable caution, he must withdraw from the Institution.

AIDS AND HONORS.

PRIZES.

THE JOHN M. FINN PRIZES.

Mr. John M. Finn, of Philadelphia, of the Class of 1854, has established:

A First Prize, either in money or books, which is offered to the student who gives evidence of having the best ability to go on with the studies of the Freshman Year, and a Second Prize to the student who is next best able.

For the past year the First Prize was awarded to Almon Odell Stevens, fitted for College at the Keystone Academy; and the Second Prize to William Forder Mets, fitted for College at Peddie Institute, N. J.

THE PRIZE OF THE CLASS OF 1871.

This Prize, established by the Class of 1871, consists of the sum of twelve dollars, to be awarded to the student of the Freshman Class who shall prove himself best prepared for College in the two branches, Latin and Mathematics, and who shall have received his preparatory training in the University Academy.

This Prize for 1887–8 was awarded to Herbert Cooper Donat.

THE DAVID HENRY EVANS PRIZE.

In memory of his deceased classmate, David Henry Evans, Mr. Henry M. Wolf, Jr., of the Class of 1880, has established an annual prize of ten dollars, to be awarded to that member of the Sophomore Class who shall write the best English composition on an assigned subject. The Committee of Award consists of the President, the Professor of Rhetoric, and one other chosen by themselves. The subject for the year 1889 is, "The personal Element in Byron's *Childe Harold*." The compositions are limited to 2,000 words, and must be presented to the Committee on or before the first day of June.

This Prize was awarded last year to William Musser Courson.

THE DR. ROBERT A. KENNEDY PRIZE.

Robert A. Kennedy, M. D., of the Class of 1873, has established an annual prize of fifteen dollars, to be awarded to the member of the Class in Trigonometry who attains the highest grade in that study.

The Prize for last year was awarded to Eveline Judith Stanton.

THE J. A. HORNBERGER PRIZE.

Mr. John A. Hornberger, of the Class of 1884, has established a prize of ten dollars for excellence in General Chemistry, to be awarded to the member of the class in that study who attains the highest grade.

This Prize was awarded last year to William Musser Courson.

THE FOWLER PRIZE.

The Rev. F. K. Fowler, Class of 1869, has established an annual prize of fifteen dollars, to be awarded to that member of the Junior Class who shall pronounce the best oration at the Junior Exhibition in Oratory.

At the exhibition, May 18th, 1888, this Prize was awarded to William Christian Gretzinger.

THE FARADY PRIZE.

The Rev. H. L. Wayland, D. D., of "The National Baptist," offers a prize of fifteen dollars, to be awarded to that member of the Scientific section of the Senior Class who writes the best essay on a subject assigned by the Professor of Natural Sciences.

This Prize last year was divided between Charles Soars and John Young Schreyer.

The subject for the essay this year is, "The Ores of Iron and Their Variations."

THE HERBERT TUSTIN PRIZE.

In memory of his son, lately deceased (1880,) Professor F. W. Tustin, Ph. D., of the Class of 1856, has paid to the Trustees of the University the sum of five hundred dollars, "as the foundation of the HERBERT TUSTIN PRIZE FUND, the interest of which is to be forever paid annually as two prizes, in the proportion of twenty dollars for the First Prize, and of ten dollars for the Second Prize, to the two students of the Senior Class who shall have attained the highest and the second highest standing in Psychology, and Ethics (under such regulations for the pursuit of these studies as the Faculty of the College shall prescribe from time to time), and whose conduct for the last two years of their course in College shall have been without exception."

For the past year the First Prize was awarded to George Lincoln Hulley, and the Second Prize to Daniel Morris Jones.

CHAPLAIN J. J. KANE PRIZE.

The Rev. James J. Kane, Chaplain in the United States Navy, and a graduate of the Theological Department of this University of the Class of 1867, has established a Prize Fund of five hundred dollars, the interest of which is to be given annually to that member of the graduating class who delivers the best oration on Commencement Day.

This Prize was awarded last year to Charles Soars.

THE WILLIAMS PRIZE.

The Rev. Charles L. Williams, of Upland, Pa., has established an annual prize to be given that member of the Freshman Class who shall, on or before the first day of June in each year, present the best essay upon a topic to be selected by the Professor of Rhetoric. The Committee of Award will consist of the Professor of Rhetoric and two others to be designated by the Faculty. The topic for the current year is: "The *Authorized Version* as a Literary Model."

This Prize was awarded last year to Ralph Charles Henry Catterall.

SCHOLARSHIPS.

The William Bucknell Scholarships, twenty in number and of one thousand dollars each, were established by Mr. William Bucknell, of Philadelpaia, Pa., in June, 1883, for the purpose of aiding worthy young men in securing an education which will enhance their usefulness in the world. The income of these scholarships is to be paid annually to twenty young men in accordance with the following rules:

I. The candidates for these scholarships are to be members of Christian churches, in good standing.

II. They are not to be addicted to the use of spirituous liquors or tobacco in any form.

III. They are expected to conform to high standards of morals and courteous deportment in all respects.

IV. They are required to give such evidence of ability and attainments as the examiners hereafter appointed may demand.

V. These scholarships shall be available only to young men in the Collegiate Department of Bucknell University.

VI. All candidates are to present themselves in person before the Committee of Examiners at such times as they shall appoint.

VII. Violation of the College regulations shall be regarded as sufficient ground for the forfeiture of a scholarship.

VIII. In awarding these scholarships, the Committee will give the preference to candidates who do not receive aid from beneficiary societies.

IX. The Committee of Examiners shall consist of the President of the University, Mr. H. S. Hopper, and Professor F. E. Rockwood, or such successors as the remaining two of them may choose from among Baptist laymen, upon the resignation or decease of one of them, the President being a member *ex-officio*.

The successful applicants in 1888 were:

Annie C. Carlisle, Elton S. Corson, Herbert C. Donat, Homer Dowlin, Sarah E. Evans, William Farrow, Jr., Charles W. Haines, Samuel Iredell, Willard A. Laning, Jacob H. Minick, Abraham L. Moore, Alice G. Myers, William C. Noll, Harriet B. Pitts, William T. Snyder, Eveline J. Stanton, Foster H. Starkey, John I. Woodruff, Andrew R. E. Wyant, William E. Zeller.

HONOR EXAMINATIONS.

At a meeting of the Faculty on December 8th, 1879, the following resolution concerning Honor Examinations was adopted:

Resolved, That in order to promote special scholarship in the several studies taught in the College, the following provision be made, to take effect during the present term and hereafter:

1. Any student who has attained an aggregate average of nine in all the studies of the previous term, may take special work in any Department of the College, under the direction of the Professor in that Department.

2. Such work must be assigned by the Professor, and the method of study prescribed by him.

3. If the student shall attain an aggregate average of nine in all the studies of the current term, and pass a satisfactory examination in the voluntary study before a committee appointed by the Faculty, the work shall be credited to him in the Annual Catalogue of the College.

4. But one such study shall be pursued by any one student during any one term.

5. The Professor under whom the student is working shall have the privilege of requiring a partial examination on the work done at any time during the term, and there may be regular recitations at the Professor's option.

6. The amount and quality of this extra work shall be taken into the account in awarding honors at graduation.

The following Honor Examinations have been sustained during the past year:

With Professor Groff: George Lincoln Hulley, James Harry Haslem, and Jacob Henry Minick in *Botany.*

With Professor Loomis: William Van Valzah Hayes in *The History of Mediæval Europe;* George Lincoln Hulley in *La Criquette de Halévy;* John David Minick in *La Criquette*, and *Un mariage d'amour de Halévy;* John Williams Griffiths, and William Charles Leinbach in *Serge Panine de Ohnet;* John David Minick, and John Williams Griffiths in *Le Maître de Forges de Ohnet;* William Eugene Zeller in *The last five cantos of Göthe's Hermann und Dorothea*, and *Schiller's Jungfrau von Orleans;* James Harry Haslem and William Forder Mets in *Göthe's Hermann und Dorothea;* Eveline Judith Stanton in *Aufpitz' Der Diamantenhändler.*

With Professor Bartol: John Young Schreyer, John David Minick, and Harrie McCormick Kelly in *Practical Astronomy.*

With Professor Rockwood: James Harry Haslem in *Ovid;* Hannah Ophelia Staufft in *Cicero;* Elmer Baldwin Cole, and William Forder Mets in *Velleius Paterculus.*

With Professor Owens: Harrie McCormick Kelly in *Quantitative Chemical Analysis.*

With Professor Perrine: George Lincoln Hulley in *Economics*, and *Politics;* Daniel Morris Jones, and Willard Carey MacMaul in *English Prose.*

With Professor Robinson: Addison Bartholomew Braker in *Demosthenes*, and *New Testament Greek;* Charles Soars in *New Testament Greek;* Ralph Charles Henry Catterall, and Almon Odell Stevens in *The Symposium of Xenophon;* Elmer Baldwin Cole, and William Forder Mets in *The Protagoras of Plato.*

Expenses.

The Study Rooms are so arranged that two students occupy the same study.

The Dormitories are intended to accommodate only one person, so that each student has his own private sleeping room. These are furnished with a bedstead. The student must supply himself with all other furniture.

Students are responsible for damage to their rooms, whether it be done when they are present in the room or absent from it.

The College charges amount to eighty dollars per annum, and are apportioned as follows:

	Per Annum.
Tuition,	$50 00
Room-rent, Care, Fuel, and Incidentals,	30 00
	$80 00

These charges must be paid in advance at the beginning of each Term.

No student is entitled to his place in his class until he has made settlement with the Treasurer.

No deduction will be made except in case of protracted illness.

If a student occupy a study by himself, the charges for room-rent and private fuel will be doubled. The assignments are for one year, and are made on Monday morning of Commencement week immediately after the devotional exercises in Bucknell Hall. Students from a distance will save inconvenience by applying to Professor Owens for a room before the Term opens.

No charge for tuition is made in any of the Departments of the University to the children of Ministers of the Gospel, in actual service.

In the laboratories students pay for chemicals used and for apparatus broken or damaged. In the Chemical Laboratory this will amount to about $12.00 for Analytical and $2.74 for General Chemistry, depending upon the care of the student.

Before entering upon the experimental courses students must deposit with the Treasurer security for materials used.

The expenses for Music and Printing for Examinations and Anniversary occasions, are paid by the classes for which such expenses are incurred.

Graduation fee and Diploma, five dollars. Degree of Master of Arts and Diploma, five dollars.

Many students board in clubs at a cost of from $1.50 to $2.25 per week. Excellent boarding can be obtained in private families, or at the table of the University Academy, at $3.00 per week. Washing is done at 25 cents per week. No boarding is allowed in the College Buildings. It will be matter of economy to bring some articles of furniture, especially bedding and carpets, from home. The dimensions of the study rooms are twelve feet by twelve feet; of the dormitories, twelve feet by six feet; of the bedsteads, seventy-five inches by thirty inches.

For information respecting the College, address the Acting President, George G. Groff, M. D., LL. D.

Thirty-Eighth ANNUAL COMMENCEMENT

WEDNESDAY, JUNE 27, 1888.

AT GRADUATION.

The Latin Salutatory—JOHN DAVID MINICK.
The Valedictory Addresses—GEORGE LINCOLN HULLEY.

ORATIONS OF THE FIRST CLASS.

GEORGE LINCOLN HULLEY, Classical Course.
JOHN DAVID MINICK, Classical Course.
HARRIE MCCORMICK KELLY, Classical Course
JOHN WILLIAMS GRIFFITHS, Classical Course.
JAMES SCOVEL BRAKER, Classical Course.
CHARLES SOARS, Classical Course.
DANIEL MORRIS JONES, Classical Course.
REUBEN CREIGHTON HOLLENBAUGH, Classical Course.
MILTON COMPTON REINHOLD, Classical Course.

WILLIAM VAN VALZAH HAYES, Scientific Course.
JOHN YOUNG SCHREYER, Scientific Course.
WILLIAM MOORE WOODWARD, Scientific Course.

ORATIONS OF THE SECOND CLASS.

FREDERICK HERBERT SENFT, Classical Course.
OLIVER KLINE PELLMAN, Classical Course.
ROBERT BROWN MCDANEL, Classical Course.
WILLIAM HENRY CLIPMAN, Classical Course.
ADDISON BARTHOLOMEW BOWSER, Classical Course.
GEORGE WASHINGTON HATCH, Classical Course.
JEREMIAH PAUL PONTIUS, Classical Course.

MASTER'S ORATION.

SAMUEL BOLTON, JR., M. D., Frankford.

DEGREES CONFERRED.

I. IN COURSE.

BACHELOR OF SCIENCE.

WILLIAM VAN VALZAH HAYES, Lewisburg.
JOHN YOUNG SCHREYER, Milton.
WILLIAM MOORE WOODWARD, Coatesville.

BACHELOR OF ARTS.

ADDISON BARTHOLOMEW BOWSER, Adrian.
JAMES SCOVEL BRAKER, Camden, N. J.
WILLIAM HENRY CLIPMAN, Oxford.
JOHN WILLIAMS GRIFFITHS, Nanticoke.
GEORGE WASHINGTON HATCH, Wayland.
REUBEN CREIGHTON HOLLENBAUGH, Blain.
GEORGE LINCOLN HULLEY, Chester.
DANIEL MORRIS JONES, Lansford.
HARRIE McCORMICK KELLY, Lewisburg.
ROBERT BROWN McDANEL, Philadelphia.
JOHN DAVID MINICK, Fayetteville.
OLIVER KLINE PELLMAN, Mifflinburg.
JEREMIAH PAUL PONTIUS, Mifflinburg.
MILTON COMPTON REINHOLD, Mahanoy City.
FREDERICK HERBERT SENFT, Everett.
CHARLES SOARS, Muncy.

MASTER OF ARTS.

WILLIAM PRESTON BEAVER, Philadelphia.
SAMUEL BOLTON, JR., M. D., Frankford.
WILLIAM RICHARD GRANGER, Richmond, Va.
CHARLES WILLSON HERMANN, Middleburg.
CARL CLAYTON LAW, Scottdale.
Rev. JOSEPH EVANS SAGEBEER, Philadelphia.
RALPH MONTGOMERY STRAWBRIDGE, Philadelphia.

II. HONORARY.

MASTER OF ARTS.

Principal AARON JOSEPH DAVIS, Clarion.

DOCTOR OF DIVINITY.

Rev. THOMAS PHILIP COULSTON, Frankford.
Rev. GEORGE EVAN REES, Philadelphia.

DOCTOR OF LAWS.

CHAUNCEY BOLIVAR RIPLEY, New-York.

THE ACADEMY.

Instructors and Other Officers.

GEORGE G. GROFF, M. D., LL. D.,

ACTING PRESIDENT OF THE UNIVERSITY.

WILLIAM EMMET MARTIN, A. M., Principal,

AND INSTRUCTOR IN HISTORY, LATIN AND RHETORIC.

THOMAS FRANKLIN HAMBLIN, A. M.,

INSTRUCTOR IN GREEK AND SCIENCE.

ALBERT BURNS STEWART, A. M.,

INSTRUCTOR IN LATIN AND MATHEMATICS.

EDWIN HEISTER GUIE,

INSTRUCTOR IN STENOGRAPHY, TELEGRAPHY AND TYPE-WRITING.

Major JACOB PARVIN BROOKE,

INSTRUCTOR IN MILITARY DRILL.

Mrs. KATHERINE BLOOMFIELD LARISON,

INSTRUCTOR IN LITERATURE.

CORNELIA CONANT BRONSON,

INSTRUCTOR IN GERMAN.

ADA CARLTON GROOM, A. B.,

INSTRUCTOR IN ELOCUTION.

FRANCES MARY RUSH, A. B.,

INSTRUCTOR IN ENGLISH AND MATHEMATICS.

ELIZABETH KENNEDY GERHART,

INSTRUCTOR IN DRAWING.

ÉLYSÉE AVIRAGNET, A. M.,

INSTRUCTOR IN FRENCH.

MARGARET PHILIPS TUSTIN,

INSTRUCTOR IN HISTORY.

WILLIAM CYRUS BARTOL, A. M.,

INSTRUCTOR IN ASTRONOMY.

MRS. ANNIE M. BLACK,

MATRON.

MILITARY COMPANY.

THE ROSTER IN DETAIL.

In Command,
JACOB P. BROOKE, MAJOR 12TH REGT., P. N. G.

First Lieutenant,
SAMUEL W. WILLIAMS.

Second Lieutenant,
HOWARD W. SNECK.

Orderly Sergeant,
BENJAMIN A. BALDWIN.

Sergeants:
1st, THEODORE HEYSHAM; 2d, D. W. MCCARTY; 3d, C. E. MAGILL; 4th, H. H. NULL.

Corporals:
1st, R. J. DAVIS; 2d, WILLIAM COWPERTHWAITE; 3d, H. L. HALLOWELL.

STUDENTS.

THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
*George Wade Babcock,	*Hawley,*	No. 4, W. W.

*Died January 8, 1889.

NAME.	RESIDENCE.	ROOM.
David Spencer Bagshaw,	*Huntingdon*,	No. 4, M. H.
James Smith Fairlie,	*West Conshohocken*,	No. 15, W. W.
Seth Austin Field,	*Philadelphia*,	No. 6, W. W.
Howard Pollock Gundy,	*Lewisburg*,	Mr. W. L. Gundy.
Joseph Barnes Lawrence,	*Salem, N. J.*,	No. 8, M. H.
Edward Reynolds Mahaffey,	*Newberry*,	No. 10, M. H.
David Wilson McCarty,	*Allenwood*,	No. 22, W. W.
Harry Harrison Null,	*Greensburg*,	No. 5, W. W.
William John Rogers,	*Danville*,	No. 10, M. H.
Bert Hunter Smyers,	*Brady*,	No. 5, M. H.
Howard Wilson Sneck,	*Renovo*,	No. 6, W. W.
Theodore Wells Taylor,	*Muncy Valley*,	No. 19, W. W.
Samuel Walter Williams,	*Ridgway*,	No. 5, E. H.
Charles Dale Wolfe,	*Lewisburg*,	Mr. Michael Wolfe.
Samuel Harrison Zimerman,	*Highspire*,	No. 14, W. W.

THE MIDDLE CLASS.

NAME.	RESIDENCE.	ROOM.
Donald Thompson Baker,	*Lewisburg*,	Mrs. S. J. Baker.
Benjamin Alsup Baldwin,	*Litchfield*,	No. 21, W. W.
Mary Bartol,	*Lewisburg*,	Prof. W. C. Bartol.
Raymond John Davis,	*Philadelphia*,	No. 11, W. W.
Albert Edward Finn,	*Philadelphia*,	No. 29, W. W.
Thomas Stradling Fretz,	*Gardenville*,	No. 31, W. W.
Theodore Heysham,	*Norristown*,	No. 12, W. W.
Robert Auten Hoffa,	*Lewisburg*,	No. 11, M. H.
George Cash Horter,	*Philadelphia*,	No. 11, M. H.
Gilbert Fenimore Kendall,	*Lewisburg*,	Rev. J. L. Kendall.
James Meeker Kendall,	*Lewisburg*,	Rev. J. L. Kendall.
James MacInnis,	*Philadelphia*,	No. 8, M. H.

NAME.	RESIDENCE.	ROOM.
Charles Franklin McMann,	*Philadelphia*,	No. 14, W. W.
James Elmer Springer,	*Green Garden*,	No. 4, W. W.
Franklin Reese Strayer,	*Saltillo*,	No. 31, W. W.
Harry Brooks Varnam,	*Bustleton*,	No. 12, M. H.
George Henry Waid,	*Reading*,	No. 28, W. W.
Charles Wesley Williams,	*Philadelphia*,	No. 12, W. W.
Joseph Roberts Wood,	*Norristown*,	No. 19, W. W.
Albert Harnish Wynkoop,	*Philadelphia*,	No. 11, W. W.

THE JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Joseph Casper Bucher,	*Lewisburg*,	Hon. J. C. Bucher.
William Cowperthwaite,	*Media*,	No. 28, W. W.
Martin Luther Dunkle,	*Lewisburg*,	No. 3, M H.
Burton Fowler,	*Williamsport*,	No. 7, M. H.
Elwood Tyson Haddock,	*Media*,	No. 21, W. W.
Herbert Linton Hallowell,	*Philadelphia*,	No. 29, W. W.
Alfred Hayes, Jr.,	*Lewisburg*,	Hon. Alfred Hayes.
Edward Gridley Kendall,	*Lewisburg*,	Rev. J. L. Kendall.
Ira Clayton Leedom,	*Southampton*,	No. 30, W. W.
Andrew Gregg Loomis,	*Lewisburg*,	Dr. J. R. Loomis.
Charles Edward Magill,	*Haddonfield, N. J.*,	No. 12, M. H.
Sara Merriman,	*Lewisburg*,	Rev. J. R. Merriman.
Edward Arthur Morley,	*Philadelphia*,	No. 4, E. H.
John Morris,	*Brisbin*,	No. 9, M. H.
David Phillips,	*Plymouth*,	No. 13, W. W.
Wilmer Ranck Roland,	*Lewisburg*,	Mr. Weidler Roland.
Joseph Kennard Rush,	*Falling Waters, W. Va.*,	No. 5, M. H.
William Clifford Scotney,	*Moore's*,	No. 5, E. H.
William Jay Shaffer,	*Richardsville*,	No. 22, W. W.

NAME.	RESIDENCE.	ROOM.
Franklin Isaac Sigmund,	*Philadelphia*,	No. 3, M. H.
David Atkinson Solly,	*Philadelphia*,	No. 4, M. H.
Milton Phillips Strayer,	*Portland*,	No. 21, W. W.
Elwood Tate,	*Allenwood*,	No. 21, W. W.
Edgar Oliver Whitman,	*Lewisburg*,	Mr. F. O. Whitman.

THE COMMERCIAL CLASS.

NAME.	RESIDENCE.	ROOM.
Marshall Philip Dawson,	*Lewisburg*,	Miss. S. J. Dawson.
Frederic Warren Denniston,	*Luzerne*,	No. 7, M. H.
Joseph Martin Kiefer,	*Tunkhannock*,	No. 7, M. H.
Clarence Tecumseh Kline,	*Montandon*,	Mrs. Maria Kline.
Martin Howard Lesher,	*Shamokin Dam*,	Mrs. S. J. Lesher.
Joseph Frank Mackelduff,	*Moore's*,	No. 4, E. H.
Thomas Jefferson Ocker,	*Rebersburg*,	No. 3, M. H.
William Boswell Mount,	*Robbinsville, N. J.*,	No. 6, M. H.
William Henry Smith,	*Lewisburg*,	Mr. Elias Smith.
Lloyd Williams,	*Rome, N. Y.*,	No. 4, W. W.
Philip Billmeyer Wolfe,	*Lewisburg*,	Mr. H. C. Wolfe.
Lester Yeagle,	*Watsontown*,	Mr. Martin Yeagel.

THE SUB-JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Isaac Kendall Dawson,	*Lewisburg*,	Miss S. J. Dawson.

NAME.	RESIDENCE.	ROOM.
William Rudolph Hartman,	*Philadelahia*,	No. 30, W. W.
Willis Boardman Hile,	*Snydertown*,	Rev. W. P. Hile.
John William Lahr,	*Lochiel*,	Mrs. N. C. Lahr.
Petrus Alfred Wahlin,	*McKeesport*,	No. 9, M. H.

Courses of Study.

The Academy is designed to fit pupils for College, for Teaching, or for Business, and affords the following Courses of Study:

I. The Classical Preparatory Course extends through three years and is specially arranged to meet the requirements for admission to College as recently advanced. The study of Latin begins with the first meeting of the class and continues as a daily recitation through the entire course. The study of Greek is not taken up until after the expiration of the first two terms, but is then continued as a daily recitation in the same way. The remainder of the time is occupied with a carefully graded selection of English studies. To enter this course the pupil should be already well prepared in Reading and Spelling, Language Lessons or some Elementary Grammar, Political Geography, United States History, and Written Arithmetic.

II. The Scientific Preparatory Course extends through two years and furnishes a more speedy preparation for either division of the Scientific Course in College. Pupils desiring to enter the Latin Division of said Course omit, as compared with Classical students, Vergil and all study of Greek; those desiring to enter the Greek Division of the same course omit Homer's Iliad, the fourth book of Xenophon's Anabasis, and all study of Latin after the first Term of the Junior Year. In place of the omitted studies is taken such an increase of English and especially Scientific subjects as may most profitably occupy the further available hours of the course.

III. The Academic Course extends through three years and is shaped to meet the wants of pupils who, having no purpose to enter College, nevertheless desire that their training in Academy studies be a comprehensive one. In each of the Terms of the entire course there is afforded the opportunity of a foreign language study, the choice ranging in most of the Terms between Latin, Greek, German, and French, at the discretion of the pupil. The other studies of the course have in view primarily the wants of those who seek to prepare themselves for teaching in the Common Schools. The course is also suited to afford an excellent preparation for business life. For those contemplating such a life, but who, in addition to more technical studies, desire to foster some love of literary pursuits, no better course could well be selected.

IV. The Commercial Course provides none but the most thoroughly practical studies for those pupils who seek a purely technical training for business, and is completed in one year.

V. The Sub-Junior Course of one year is planned for those pupils who are not prepared to enter directly upon either of the foregoing courses, but need rather to take studies that will in the best manner lead up to one of them.

STUDENT'S

SCHEDULE OF DAILY RECITATIONS.

FOR THE FIRST TERM

CLASS.					SUBJECT.	HR.	INSTRUCTOR.
Sc..	Ss..	....	Ma.	C ..	Natural Philosophy	8.30	.... Mr. Hamblin.
Sc..	....	*Sa.*	....	....	Vergil's Æneid	9.30	....Prin. Martin.
....	....	Sa..	....	....	Geology	10.30	.... Mr. Hamblin.
....	*Ss.*	*Sa.*	....	C ..	Book-Keeping, etc., Op	10.30	.....Prin. Martin.
....	....	....	....	C ..	Telegraphy and Type-Writing	11.15	..... Mr. Guie.
....	....	*Sa.*	....	....	*French Grammar*	*1.30*	....M. Aviragnet.
Sc..	Ss..	....	Ma.	....	Algebra, review	*2.00*	.....Mr. Stewart.
....	....	....	....	C ..	Shorthand	*2.00*	.....Mr. Guie.
....	....	Sa.	....	....	*English Literature*	*2.40*	.....Mrs. Larison.
Sc..	....	*Sa.*	....	....	Xenophon's Anabasis	*4.00*	....Mr. Hamblin.
Mc..	Ssg.	....	*Ma.*	....	First Greek Book	9.30	....Mr. Hamblin.
Mc.	Ss..	....	Ma.	C ..	Elements of Rhetoric	11.15	.....Prin. Martin.
....	....	....	*Ma.*	....	*German Reader*	*3.20*	....Miss Bronson.
Mc..	Ssl.	....	*Ma.*	....	Cæsar's Commentaries	*4.00*	.....Mr. Stewart.
Jc..	Js..	....	*Ja.*	....	Latin Lessons	8.20	.....Mr. Stewart.
Jc..	Js..	....	Ja..	....	English Grammar	11.15	....Mr. Hamblin.
....	....	....	*Ja.*	....	*German Grammar*	*2.40*	....Miss Bronson.
Jc..	Js..	....	Ja..	C ..	Science of Arithmetic	*3.00*	.....Mr. Stewart.
....	....	....	....	S-ja	Arithmetic, advanced	9.30	.....Mr. Stewart.
....	....	....	....	S-jp	Arithmetic, primary	10.15	.....Mr. Stewart.
....	....	....	....	S-j.	United States History	*2.40*	.....Miss Tustin.
....	....	....	....	S-j.	Elementary English Grammar	*3.20*	.....Miss Rush.

FOR THE SECOND TERM

Sc..	Ss..	....	Ma.	*C* ..	Plane Geometry	8.30	.....Mr. Stewart.
....	....	Sa..	....	....	*English History*	8.30	.....Miss Rush.
Sc..	....	*Sa.*	....	....	Homer's Iliad	9.30	....Mr. Hamblin.
....	*Ss.*	*Sa.*	....	C ..	Book-Keeping, etc., Op	10.00	.....Prin. Martin.
....	....	Sa..	....	....	*Trigonometry*	10.30	.....Miss Rush.
Sc..	....	*Sa.*	....	....	Vergil's Æneid	11.15	.....Prin. Martin.
....	....	....	....	C ..	Shorthand	11.15	.....Mr. Guie.
....	....	*Sa.*	....	....	*French Reader*	*1.15*	....M. Aviragnet.
....	....	....	....	C ..	Civil Government, and American Politics	*2.00*	....Mr. Hamblin.
....	Ss..	....	Ma.	C ..	Physiology	*3.00*	....Mr. Hamblin.
....	....	....	....	C ..	Telegraphy and Type-Writing	*4.00*	..... Mr. Guie.
Mc.	....	....	....	*C* ..	Algebra, begun	9.30	.....Mr. Stewart.
Mc.	Ssg.	....	*Ma.*	....	Xenophon's Anabasis	11.15	....Mr. Hamblin.
....	....	....	*Ma.*	....	*German Classics*	*3.20*	....Miss Bronson.
Mc.	Ssl.	....	*Ma.*	....	Cicero's Orations	*4.00*	.....Mr. Stewart.
Jc..	Js..	....	....	....	Physical Geography	8.30	....Mr. Hamblin.
....	Js.	....	Ja..	....	Algebra, begun	9.30	.....Mr. Stewart.
Jc..	Jsl	....	*Ja.*	....	Latin Lessons	11.15	.....Mr. Stewart.
....	....	....	*Ja.*	....	*German Grammar*	*2.40*	....Miss Bronson.
Je..	Jsg.	....	Ja..	....	History of Greece	*4.00*	.....Prin. Martin.
....	....	....	....	S-j.	Arithmetic	10.30	.....Mr. Stewart.
....	....	....	....	S-j.	*General History*	*2.00*	.....Miss Tustin.
....	....	....	....	S-j.	*Elementary English Grammar*	*3.20*	.....Miss Rush.

FOR THE THIRD TERM

Sc..	Ss..	....	Ma.	*C* ..	Plane Geometry	8.30	.....Mr. Stewart.
....	....	*Sa.*	....	....	*French Classics*	8.30	....M. Aviragnet.
....	*Ss.*	*Sa.*	....	C ..	Commercial Law, etc., Op	8.30	.....Prin. Martin.
....	....	Sa..	....	....	ASTRONOMY	10.00	.....Prof. Bartol.
....	....	....	....	C ..	Business Practice	10.30	.....Mr. Guie.
Sc..	....	*Sa.*	....	....	Vergil's Æneid	11.15	.....Prin. Martin.
....	....	....	....	C ..	Telegraphy and Type-Writing	11.15	.....Mr. Guie.
Sc..	....	*Sa.*	....	....	Homer's Iliad	*3.00*	....Mr. Hamblin.
...	....	....	....	C ..	Shorthand	*3.00*	.....Mr. Guie.
....	....	Sa..	....	....	*Logic*	*4.00*	.....Miss Rush.
....	....	....	....	C ..	Elementary Political Economy	*4.00*	....Mr. Hamblin.

Mc.	....	....	....	*C* ..	..... Algebra	9.30	.....Mr. Stewart.
....	....	....	*Ma.*	....	..... *German Classics*	10.30	....Miss Bronson.
Mc.	Ssg.	....	*Ma.*	....	..... Xenophon's Anabasis	11.15	....Mr. Hamblin.
Mc.	Ss[1].	....	*Ma.*	....	..... Cicero's Orations	*4.00*	.....Mr. Stewart.
Jc..	....	Jsg.	....	*Ja.*.	..... First Greek Book	8.30	....Mr. Hamblin.
....	....	Js..	Ma.	....	..... Elementary Botany	8.30	.....Miss Rush.
....	....	Js..	....	Ja..	..... Algebra	9.30	.....Mr. Stewart.
Jc..	....	Js[1].	....	*Ja.*.	..... Cæsar's Commentaries	11.15	.....Mr. Stewart.
Jc..	Ss..	....	....	Ja..	..... History of Rome	*3.00*	.....Prin. Martin.
....	....	....	....	*Ja.*.	..... *German Reader*	*4.00*	....Miss Bronson.
....	....	....	....	S-j.	..... Elementary English Grammar	9.30	....Mr. Hamblin.
....	....	....	....	S-j.	..... Arithmetic	10.30	.....Mr. Stewart.
....	....	....	....	S-j.	..... *General History*	*3.00*	.....Miss Tustin.

S stands for Senior; M, Middle; J, Junior; C, Commercial, S-j, Sub-Junior; c, Classical; s, Scientific; a, Academic; [1], Latin Division; g, Greek Division; [1], Advanced; [2], Primary.

Classes in *Italics*, and no others, indicate optional studies, one of which must be taken, unless the study itself in addition is marked Op., in which latter case it is wholly optional.

Studies in *Italics* indicate recitations at the Institute; in CAPITALS, at the College.

Numerals in *Italics* indicate Post Meridian hours.

An OFFICER'S SCHEDULE OF DAILY RECITATIONS is printed separately.

CURRICULA.

I. CLASSICAL PREPARATORY COURSE.

JUNIOR YEAR.

I. TERM—Latin Lessons, and Latin Grammar; English Grammar; Science of Arithmetic.

II. TERM—Physical Geography; Latin Lessons, and Latin Grammar; History of Greece.

III. TERM—First Greek Book, and Greek Grammar; Cæsar's Commentaries; History of Rome.

MIDDLE YEAR.

I. TERM—First Greek Book, and Greek Grammar; Elements of Rhetoric; Cæsar's Commentaries.

II. TERM—Algebra, begun; Xenophon's Anabasis; Cicero's Orations, and Latin Prose Composition.

III. TERM—Algebra; Xenophon's Anabasis; Cicero's Orations, and Latin Prose Composition.

SENIOR YEAR.

I. TERM—Natural Philosophy; Vergil's Æneid; Algebra, review; Xenophon's Anabasis.

II. TERM—Plane Geometry; Homer's Iliad, and Greek Prose Composition; Vergil's Æneid.

III. TERM—Plane Geometry; Vergil's Æneid; Prosody; Homer's Iliad.

II. SCIENTIFIC PREPARATORY COURSE.

JUNIOR YEAR.

I. Term—*Latin and Greek Divisions.* Latin Lessons and Latin Grammar; English Grammar, Science of Arithmetic; Book-Keeping, optional.

II. Term—*Latin Division.* Physical Geography; Algebra, begun; Latin Lessons and Latin Grammar; Book Keeping, optional. *Greek Division.* History of Greece is substituted in place of Latin.

III. Term—*Latin Division.* Elementary Botany; Algebra; Cæsar's Commentaries and Latin Grammar; Commercial Law, optional. *Greek Division.* First Greek Book and Greek Grammar in place of Latin.

SENIOR YEAR.

I. Term—*Latin Division.* Natural Philosophy; Elements of Rhetoric; Algebra, review; Cæsar's Commentaries; Book-Keeping, optional. *Greek Division.* First Greek Book and Greek Grammar in place of Latin.

II. Term—*Latin Division.* Plane Geometry; Physiology; Cicero's Orations and Latin Prose Composition; Book-Keeping, optional. *Greek Division.* Xenophon's Anabasis in place of Latin.

III. Term—*Latin Division.* Plane Geometry; History of Rome; Cicero's Orations and Latin Prose Composition; Commercial Law, optional. *Greek Division.* Xenophon's Anabasis in place of Latin.

Book-Keeping is an optional study in this course and may be taken in connection with the First and Second Terms of either the Junior or Senior Year, or omitted altogether. The same statements apply to Commercial Law in the Third Term.

III. ACADEMIC COURSE.

JUNIOR YEAR.

I. Term—Latin Lessons and Latin Grammar, *or* German Grammar; English Grammar; Science of Arithmetic.

II. Term—Algebra, begun; Latin Lessons and Latin Grammar, *or* German; History of Greece.

III. Term—Algebra; Cæsar's Commentaries, *or* Schiller's Der Neffe als Onkel, *or* First Greek Book and Greek Grammar; History of Rome.

MIDDLE YEAR.

I. Term—Natural Philosophy; Elements of Rhetoric; Cæsar's Commentaries, *or* Zschokke's Der Zerbrochene Krug and German Literature, *or* First Greek Book; Algebra, review; Book-Keeping, optional.

II. Term—Plane Geometry; Physiology; Cicero's Orations and Latin Prose Composition, *or* Schiller's Wilhelm Tell, *or* Xenophon's Anabasis; Book-Keeping, optional.

III. Term—Plane Geometry; Elementary Botany; Cicero's Orations and Latin Prose Composition, *or* Göethe's Hermann und Dorothea, *or* Xenophon's Anabasis; Commercial Law, optional.

SENIOR YEAR.

I. Term—Vergil's Æneid, *or* Xenophon's Anabasis, *or* French Grammar; Geology; English Literature; Book-Keeping, optional.

II. Term—English History; Trigonometry; Vergil's Æneid, *or* Homer's Iliad and Greek Prose Composition, *or* French Reader; Book-Keeping, optional.

III. Term—Astronomy; Vergil's Æneid and Latin Prosody, *or* Homer's Iliad, *or* French Classics; Logic; Commercial Law, optional.

Book-Keeping is an optional study in this course and may be taken in connection with the First and Second Terms of either the Middle or Senior Year, or omitted altogether. The same statements apply to Commercial Law in the Third Term.

IV COMMERCIAL COURSE.

OF ONE YEAR.

I. Term—Natural Philosophy; Book-Keeping; Elements of Rhetoric; Science of Arithmetic.

II. Term—Algebra, *or* Plane Geometry; Book-Keeping; Civil Government; Physiology.

III. Term—Algebra, *or* Plane Geometry; Commercial Law; Business Practice; Elementary Political Economy.

Accompanying the above Course, instruction is given throughout the year in Penmanship, Business and Legal Forms, Shorthand, Telegraphy, and Type-Writing.

V. SUB-JUNIOR COURSE.

OF ONE YEAR.

I. Term—Arithmetic; U. S. History; Elementary English Grammar.

II. Term—Arithmetic; General History; Elementary English Grammar.

III. Term—Elementary English Grammar; Arithmetic; General History.

SPECIAL BRANCHES.

PURSUED BY TWO OR MORE CLASSES.

Bible Study.—The study of the Bible is pursued as a regular weekly recitation throughout the three years of the full courses of study. Smith's Smaller Scripture History is the text-book used. The Junior Class have recitations covering the sacred narrative from Genesis to Judges; the recitations of the Middle Class complete the Old Testament; those of the Senior Class complete the New Testament.

Book-Keeping and Commercial Law, as special electives, are open to all students in the terms in which they are taught.

Shorthand, Telegraphy, Etc., as special electives, are open to all students without extra charge.

Drawing.—All students of the Academy receive throughout the year weekly lessons in Free-hand Drawing.

Special individual instruction in Drawing is afforded at eighteen dollars per annum.

Oratory.

CLASS EXERCISES.

Regular exercises in Composition and Declamation are required of all students except members of the Senior Class. The Seniors prepare and deliver two original Orations each term. These exercises are held in Bucknell Hall on Saturday mornings before the entire school.

All students receive weekly instruction in Elocution. The course includes careful drill in the Elementary Sounds, in Articulation, and in Expression; Analytical Reading, including the Bible and Hymns; and the study of Shakespeare.

Special individual instruction in Elocution is afforded at fifty cents a lesson.

PUBLIC EXHIBITIONS.

MIDDLE CLASS.

The Public Exhibition of the Middle Academic Class in Declamation will take place on Saturday evening, April 27th, 1889, in Commencement Hall.

SENIOR CLASS.

The closing exercises of the Academy will be the Public Exhibition of the Senior Class in Oratory, on Saturday evening, June 22d, 1889.

General Information.

GOVERNMENT.

Students are encouraged to regard self government as the only true government. It will be the constant endeavor to secure uprightness of character, gentlemanly deportment, and diligent application to work, by kind treatment, and high standards in conduct and study. The Academy cannot knowingly accept or retain incorrigibles. Corporal punishment is not contemplated in the government of the school.

BUILDINGS AND ROOMS.

Extensive improvements in 1884, and again in 1888, have rendered the appointments of the Main Building specially adapted to students' wants. It contains, besides its accommodations for other school and boarding purposes, furnished rooms for twenty boarding students. These rooms are designed to accommodate two students each, and are twenty feet by twelve feet, by fourteen feet high. For further details respecting the appointments of the Main Building see page 6.

The New East Hall, contiguous to the Main Building, is a three-story brick building, sixty feet by forty feet, erected during the Autumn of 1888, by the liberal benefaction of Mr. William Bucknell, Chairman of the Board of Trustees of the University. It contains a Recitation Room, a teacher's apartments, and rooms for thirty-seven students. The rooms have high ceilings, large double windows with inside shutters, two commodious closets, and are warmed by steam radiators. These rooms may be rented either furnished or unfurnished at the option of the occupant.

BOARD.

In case the rooms occupied are furnished ones, the Academy gives them daily and complete attention, provides and washes all bedding and bed clothing, and supplies and cares for all lights.

The Principal and his family, the Instructors, and the Matron live in the building, take their meals with the boarders, and strive in all possible ways to secure the welfare and happiness of the students. The Instructors occupy

rooms adjacent to the students' apartments. The appointments of the Dining Room, the character of the table supplies, the household service in general are designed to furnish the comforts of a first-class boarding house. From the home life especially of the school, there will, so far as may be warranted by the gentlemanly deportment of the students, be absent all needless uniformity and irksome limitations, which disregard the reasonable individual preferences of pupils.

All students from a distance will occupy rooms and will board in the Academy. Engagements for board and rooms are expected to continue without change to the end of the school year in which they are made.

APPLIANCES.

The Academy is in possession of excellent apparatus for instruction. A select Reference Library, containing an Encyclopedia, Lexicons, Dictionaries, Atlases, and various other helps, is accessible to studends at all hours. The Classical Recitation Room is provided with Kiepert's Wall-Maps of Ancient Geography, and with Reinhard's Album of Classical Antiquities, mounted. Metric apparatus, Maps, and Globes render assistance in other directions.

The Physical apparatus of the College also is accessible to the class in Natural Philosophy for purposes of experiment and illustration.

The books of the College Library are available for all students.

HOURS.

The time devoted to study and recitation amounts to $9\frac{1}{4}$ hours every week-day, except Saturday, when it is only $1\frac{1}{4}$ hours. This time should be sacred to its purpose. Parents of day pupils are requested to coöperate with the school in securing attention to evening study hours, and to avoid furnishing excuses or granting occasions for absences.

Students from a distance should be in Lewisburg on the day preceding the opening of each term, and no student should leave until the term shall have closed. Punctuality in attendance is essential to success in school work.

For Terms and Vacations see the Calendar of the University, page 79.

STANDING AND PROMOTION.

The weekly averages of marks for recitations are recorded, and also failures in conduct and attendance. The scale for such markings ranges form 10, or perfect, to 0, or inexcusable failure. Unexcused absences count as zeros.

Monthly and Term Examinations are held in the studies thus far completed, and quarterly reports of the average in scholarship, attendance, and conduct of each student are sent to parents or guardians by the Principal.

No student is promoted to the next higher class whose average in any study is less than 7. A review of the study and a satisfactory examination will be necessary to secure the advanced standing desired.

Students who complete the Preparatory Courses of Study are admitted to standing in corresponding divisions of the Freshman Class, upon the Principal's certificate, without separate examination.

All students who complete in a satisfactory manner either the Classical, the Scientific, the Academic, or the Commercial course of study, and who have sustained irreproachable characters during their school residence, shall be entitled to a certificate setting forth their proficiency in the branches studied.

Students attaining an average standing of 9 are encouraged to devote spare time to work additional to the Regular Courses of Study. Honorable Mention is accordingly awarded to GEORGE WADE BABCOCK, late of the Senior Class, for examination sustained with Principal Martin in Sallust's Catiline.

LITERARY SOCIETIES.

HERMENIA; ADELPHIA.—These are voluntary organizations of students for mutual improvement in Literary and Oratorical exercises. They have large and convenient halls in the Academy building, where they hold their meetings on Friday evenings.

PRIZES.

THE HARRY S. HOPPER PRIZE.

For the year 1888-89 Mr. Harry S. Hopper, of Philadelphia, offers a prize of ten dollars for excellence in composition.

THE FARADAY PRIZE.

For the year 1887-88 the Rev. H. L. Wayland, D. D., editor of *The National Baptist*, offered a prize of ten dollars to that member of the Senior Class who should write the best essay upon a scientific topic. The topic was "Snow Crystals and Frost Flowers."

This prize for 1888 was awarded to Walter Bodine Pimm.

THE REV. D. P. LEAS PRIZE.

Rev. David P. Leas, of Philadelphia, Treasurer of Bucknell University, offers an annual prize of ten dollars to that member of the Middle Class who shall excel in the annual Exhibition of the Middle Class in Declamation.

This prize for 1888 was awarded to David Spencer Bagshaw.

THE PRINCIPAL WILLIAM E. MARTIN PRIZE.

Principal William E. Martin offers an annual prize of ten dollars to that member of the Senior Class who shall pronounce the best oration at the Senior Academic Exhibition.

This prize for 1888 was awarded to Elisha Moore Lake.

PHYSICAL EXERCISE.

Military Company.—The instructors and students of the Academy have organized a voluntary company for semi-weekly Military Drill. They have rented the Armory of Company A, Twelfth Regiment, P. N. G., where they receive instruction from an experienced officer.

The exercise afforded by Military Drill is in itself an excellent one, besides being available at all seasons, and in all conditions of weather. As such it is valued, but military discipline does not extend beyond this exercise into the government of the school.

RELIGIOUS SERVICES.

The duties of each day are opened with devotional exercises in Bucknell Hall, at which all students are required to be present.

Regular attendance upon public worship at some Church in town, on Sunday morning, is required; also upon services on Thanksgiving Day, and the Day of Prayer for Colleges. Attendance upon Sunday School, and mid-week Prayer Meetings, while voluntary, is strongly urged upon students.

The Academic students maintain a weekly prayer meeting on Tuesday evenings, and share in the meetings of the Young Men's Christian Association of the College.

EXPENSES.

	Per Annum.
Tuition, Board, Furnished Rooms, Fuel, Lights, Care, Washing, and Incidentals,	$225 00
Tuition, Board, Unfurnished Rooms, Fuel, Washing, and Incidentals,	180 00
Tuition, ($36.00), Fuel and Incidentals, ($14.00), to Day Pupils,	50 00

All charges are payable in advance, at the beginning of each term; or by the 15th of September, January, and April.

The charges for special individual instruction in Elocution and Drawing are stated on page 52.

Young men of good character and earnest purpose, but not possessing sufficient means to obtain an education, are invited to correspond with the Acting President.

No charge for tuition is made in any of the Departments of the University to the children of Ministers of the Gospel in actual service.

The expenses for Music and Printing for Exhibitions and Anniversary occasions, are paid by the classes for which such expenses are incurred.

For information respecting the Academy, address the Acting President, George G. Groff, M. D., LL. D.

THE INSTITUTE.

Instructors and Other Officers.

GEORGE G. GROFF, M. D., LL. D.,

ACTING PRESIDENT OF THE UNIVERSITY.

Mrs. KATHERINE BLOOMFIELD LARISON, Principal,

AND INSTRUCTOR IN LITERATURE, PSYCHOLOGY AND ETHICS.

CORNELIA CONANT BRONSON,

INSTRUCTOR IN LATIN AND GERMAN.

ADA CARLTON GROOM, A. B.,

INSTRUCTOR IN ELOCUTION AND GYMNASTICS.

FRANCES MARY RUSH, A. B.,

INSTRUCTOR IN ENGLISH AND MATHEMATICS.

ELIZABETH KENNEDY GERHART,

INSTRUCTOR IN DRAWING AND PAINTING.

ÉLYSÉE AVIRAGNET, A. M.,

INSTRUCTOR IN VOCAL AND INSTRUMENTAL MUSIC AND FRENCH.

MARGARET PHILIPS TUSTIN,

INSTRUCTOR IN INSTRUMENTAL MUSIC.

HATTIE IODA FOSTER,

INSTRUCTOR IN VOCAL MUSIC.

WILLIAM CYRUS BARTOL, A. M.,

INSTRUCTOR IN ASTRONOMY.

WILLIAM GUNDY OWENS, A. M.,

INSTRUCTOR IN CHEMISTRY.

WILLIAM EMMET MARTIN, A. M.,

INSTRUCTOR IN HISTORY AND LATIN.

THOMAS FRANKLIN HAMBLIN, A. M.,

INSTRUCTOR IN GREEK AND SCIENCE.

ALBERT BURNS STEWART, A. M.,

INSTRUCTOR IN LATIN AND MATHEMATICS.

MRS. FRANCES ABIGAIL RINES,

MATRON.

THE ALUMNÆ.

THE GENERAL ALUMNÆ ASSOCIATION.

President,
MISS ANNA EVANS.

Vice-President,
MRS. CHARLES S. WOLFE.

Recording Secretary,
MISS ELEANOR S. CORNELIUS.

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MISS MARGARET O. EVANS.

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President,
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MISS MARY L. THOMAS.

Secretary,
MISS ELEANOR S. CORNELIUS.

Treasurer,
MISS FLORENCE A. VANDYKE.

STUDENTS.

THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Jennie May Davidson,	*Williamsport*,	Institute.
Mary Derr,	*Sunbury*,	Institute.
Alice James Hassenplug,	*Lewisburg*,	Mr. C. H. Hassenplug.
Carrie Vickers Lovell,	*Huntington*,	Institute.
Maud Schurtz,	*Port Alleghany*,	Institute.
Margaret Wortman VanWyck,	*Hopewell Junction, N. Y.*,	Institute.

THE MIDDLE YEAR CLASS.

NAME.	RESIDENCE.	ROOM.
Eleanor May Barber,	*Lewisburg*,	Rev. J. C. Bucher.
Esther Jane Boyer,	*Rieglesville*,	Institute.
Alice Grace Bush,	*Coudersport*,	Institute.
Ella Corle Church,	*Lewisburg*,	Mr. Thomas Church.
Wilhelmina Malinda Darlington,	*Lewisburg*,	Mr. R. D. Darlington.
Effie Mabel Hull,	*Olyphant*,	Institute.
Edith Kingsley Hull,	*Olyphant*,	Institute.
Carrie Vanderslice Lloyd,	*Phœnixville*,	Institute.
Lois Winifred Lyman,	*Coudersport*,	Institute.

NAME.	RESIDENCE.	ROOM.
Mary Katherine Murphy,	*Lewisburg*,	Mr. Daniel Murphy.
May Florence Pannebaker,	*Lewistown*,	Institute.
Edith McKinney Reber,	*Bloomsburg*,	Institute.
Harriet Richter,	*Benvenue*,	Institute.
Elsie Gertrude Roth,	*Allentown*,	Institute.
Bertha Bartgess Wagner,	*Lewisburg*,	Mrs. Emma Wagner.
Katherine Lawshe Wolfe,	*Lewisburg*,	Hon. C. S. Wolfe.

THE JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Emma Taylor Hyman,	*Winfield*,	Mrs. Anna Hyman.
Annie Luella Kerstetter,	*Lewisburg*,	Mr. C. W. Kerstetter.
Mary Monica Kreamer,	*Rebersburg*,	Institute.
Rachel Leidy,	*Ebensburg*,	Institute.
Perie May Miller,	*Altoona*,	Institute.
Clara Rosalia Moore,	*Scranton*,	Institute.
Annie Martha Pines,	*Lewisburg*,	Rev. I. M. Pines.
Blanche Adelaide Schreiner,	*Philadelphia*,	Institute.
Mary Moore Wolfe,	*Lewisburg*,	Hon. C. S. Wolfe.

PURSUING SELECT STUDIES.

NAME.	RESIDENCE.	ROOM.
Mary Bartol,	*Lewisburg*,	Prof. W. C. Bartol.

NAME.	RESIDENCE.	ROOM.
Adelaide May Bartram,	*Rio Grande, N. J.*,	Institute.
Mary Graham Forster,	*Aaronsburg*,	Institute.
Martha Matilda Graff,	*Philadelphia*,	Institute.
Mary Forney Graff,	*Philadelphia*,	Institute.
Emma Graham,	*Clearfield*,	Institute.
Harriet May Gundy,	*Lewisburg*,	Mr. Christian Gundy.
Elizabeth Keyes,	*Beech Creek*,	Institute.
Alice May Lyman,	*Coudersport*,	Institute.
Elizabeth Lloyd,	*Phœnixville*,	Institute.
Martha Maud Miller,	*Lewisburg*,	Rev. Howard Miller.
Sarah Alice Price,	*Yeagertown*,	Institute.
May Putnam,	*Philadelphia*,	Institute.
Mary Allison White,	*Clintondale*,	Miss M. W. Laird.
Linda Brolasky Wilhelm,	*Lewisburg*,	Mrs. S. C. Wolfe.
Lizzie Jane Williams,	*Shenandoah*,	Institute.

THE SENIOR PREPARATORY CLASS.

NAME.	RESIDENCE.	ROOM.
Mary Castle,	*Lewisburg*,	Prof. C. F. Castle.
Jennie Elmira Derr,	*Moreland*,	Institute.
Carrie Furman,	*Lewisburg*,	Rev. A. J. Furman.
Leila Furman,	*Lewisburg*,	Rev. A. J. Furman.
Maude Garrison,	*Roaring Branch*,	Institute.
Ella Lillian Gordon,	*Reynoldsville*,	Institute.
Candace Irene Grove,	*Lewisburg*,	Mrs. Adam Grove.
Laura Minerva Grove,	*Lewisburg*,	Mrs. Adam Grove.
Lillie Candace Grove,	*Chillisquaque*,	Mrs. S. B. Walter.
Carrie Elizabeth Mensch,	*Mifflinburg*,	Institute.
Katherine Ruth Nesbit,	*Lewisburg*,	Mr. William Nesbit.

NAME.	RESIDENCE.	ROOM.
Maze Anna Pellman,	*Hartleton*,	Institute.
Estelle Virginia Pensyl,	*Elysburg*,	Institute.
Bertha May Shirley,	*Moore's*,	Institute.
Florence Bertha Smith,	*Lewisburg*,	Mr. J. C. Smith.
Katherine VanValzah,	*Terre Haute, Ind.*,	Institute.
Carrie Katherine Wittenmyer,	*Middleburg*,	Institute.

THE JUNIOR PREPARATORY CLASS.

NAME.	RESIDENCE.	ROOM.
Margaret Beaver,	*Millerstown*,	Institute.
Alice Hayward Dill,	*Clearfield*,	Mrs. F. Dill.
Eleanor Cameron Harrison.	*Lewisburg*,	Dr. F. C. Harrison.
Mary Koonce,	*Lewisburg*,	Institute.
Katie Miller,	*Lewisburg*,	Mr. J. V. Miller.
Caroline Katherine Rink,	*Scranton*,	Institute.
Mabel Schreiner,	*Philadelphia*,	Institute.
Maude Schreiner,	*Philadelphia*,	Institute.
Augusta Shipman,	*Lewisburg*,	Mr. Samuel Shipman.
Nora Olivia Swengel,	*Coburn*,	Mr. W. W. Wolfe.

THE MUSIC DEPARTMENT.

NAME.	RESIDENCE.	ROOM.
Blanche Conard Andrews,	*Montandon*,	Mrs. E. Conard.

NAME.	RESIDENCE.	ROOM.
Margaret Baker,	*Lewisburg*,	J. T. Baker, Esq.
Katherine Baker,	*Lewisburg*,	J. T. Baker, Esq.
Eleanor May Barber,	*Lewisburg*,	Rev. J. C. Bucher.
Adelaide May Bartram,	*Rio Grande, N. J.*,	Institute.
Ella Bender,	*Lewisburg*,	Mr. G. D. Bender.
Maud Virginia Bowen,	*Lewisburg*,	Mr. Irvine Bowen.
Alice Grace Bush,	*Coudersport*,	Institute.
Mary Castle,	*Alexandria, O.*,	Prof. C. F. Castle.
Laura Church,	*Lewisburg*,	Mr. Thomas Church.
Elizabeth Clingan,	*Lewisburg*,	Mr. P. L. Clingan.
Edith Robinson Cornelius,	*Lewisburg*,	Mr. J. R. Cornelius.
Alice Hayward Dill,	*Clearfield*,	Mrs. F. Dill.
Clara Jane Fairchild,	*Montandon*,	Mr. Abram Fairchild.
Carrie Furman,	*Lewisburg*,	Rev. A. J. Furman.
Leila Furman,	*Lewisburg*,	Rev. A. J. Furman.
Edith Furst,	*Lock Haven*,	Mr. Peter Beaver.
Ella Lillian Gordon,	*Reynoldsville*,	Institute.
Mary Forney Graff,	*Philadelphia*,	Institute.
Emma Graham,	*Clearfield*,	Institute.
Eleanor Cameron Harrison,	*Lewisburg*,	Dr. F. C. Harrison.
Blanche Isabel Hassenplug,	*Lewisburg*,	Mr. C. H. Hassenplug.
Bertha Abigail Hauck,	*Lewisburg*,	Mrs. E. A. Hauck.
Emma Taylor Hyman,	*Winfield*,	Mrs. A. Hyman.
Nellie Grant Haines,	*Winfield*,	Mr. Anes Haines.
Maria Heinen,	*Milton*,	Mrs. H. J. Heinen.
Grace Heinen,	*Milton*,	Mrs. H J. Heinen.
Edith Kingsley Hull,	*Olyphant*,	Institute.
Margaret Irwin,	*Lewistown*,	Mr. W. Irwin.
Lucy Bradley Kelly,	*Lewisburg*,	Mr. G. C. Kelly.
Elizabeth Keyes,	*Beech Creek*,	Institute.
Minnie Gertrude Kurtz,	*Mifflinburg*,	Mr. L D. Kurtz.
Ida List,	*Lewisburg*,	Mr. S. A. List.
Carrie Vanderslice Lloyd,	*Phœnixville*,	Institute.
Elizabeth Lloyd,	*Phœnixville*,	Institute.
Alice May Lyman,	*Coudersport*,	Institute.

NAME.	RESIDENCE.	ROOM.
Lois Winifred Lyman,	*Coudersport*,	Institute.
Mary McLaughlin,	*Lewisburg*,	Mr. J. M. McLaughlin.
Carrie Elizabeth Mensch,	*Mifflinburg*,	Institute.
Bessie Virginia Miller,	*Mifflinburg*,	Mr. E. Miller.
Mary Katherine Murphy,	*Lewisburg*,	Mr. D. Murphy.
Aïda Virginia Myers,	*Lewisburg*,	Mr. D. Myers.
Esther May Pannebaker,	*Lewistown*,	Mr. W. M. Pannebaker.
May Florence Pannebaker,	*Lewistown*,	Institute.
May Putnam,	*Philadelphia*,	Institute.
Estelle Virginia Pensyl,	*Elysburg*,	Institute
Sarah Alice Price,	*Yeagertown*,	Institute.
Florence May Showers,	*Lewisburg*,	Mr. J. Showers.
Florence Bertha Smith,	*Lewisburg*,	Mr. J. C. Smith.
Mary Bernetta Sober,	*Lewisburg*,	Mr. C. K. Sober.
Katherine Sweet,	*Carpenter*,	Dr. H. Gerhart.
Nina Maud VanDyke,	*Lewisburg*,	Mrs. J. VanDyke.
Katherine VanValzah,	*Terre Haute, Ind.*,	Institute.
Bertha Bartgess Wagner,	*Lewisburg*,	Mrs. E. Wagner.
Irene Walls,	*Lewisburg*,	Mr. G. W. Walls.
Julia Weidensaul,	*Lewisburg*,	Mr. J. P. Weidensaul.
Mary Allison White,	*Clintondale*,	Miss M. W. Laird.
Carrie Katherine Wittenmyer,	*Middleburg*,	Institute.

THE CLASS IN ELOCUTION.

NAME.	RESIDENCE.	ROOM.
Blanche Conard Andrews,	*Montandon*,	Mrs. E. Conard.
Elizabeth Tower Bates,	*Lewisburg*,	Hon. S. D. Bates.
Ida Rosilla Bowen,	*Lewisburg*,	Mr. Irvine Bowen.
Miriam Adlum Bucher,	*Lewisburg*,	Hon. J. C. Bucher.

NAME.	RESIDENCE.	ROOM.
Jennie Rowan Clingan,	*Lewisburg*,	Mr. W. S. Clingan.
Sybil Watson Daugherty,	*Sunbury*,	Mr. W. M. Daugherty.
Alice Hayward Dill,	*Clearfield*,	Mrs. F. Dill.
Emma Bertel Eeg,	*Lewisburg*,	Mr. J. B. Eeg.
Eleanor Cameron Harrison,	*Lewisburg*,	Dr. F. C. Harrison.
Emma Beulah Hayes,	*Lewisburg*,	Hon. Alfred Hayes.
Nellie Grant Haines,	*Winfield*,	Mr. Anes Haines.
Alice May Lyman,	*Coudersport*,	Institute.
Mary Matlack,	*Lewisburg*,	Mr. G. S. Matlack.
Alice Gertrude Myers,	*Huntingdon*,	Institute.
Margaret Isabel Norton,	*Lewisburg*,	Mr. T. S. Norton.
Susan Stapleton,	*Lewisburg*,	Mr. D. P. Stapleton.
Katherine Sweet,	*Carpenter*,	Dr. Henry Gerhart.
Margaret Philips Tustin,	*Lewisburg*,	Mrs. F. W. Tustin.
Katherine VanValzah,	*Terre Haute, Ind.*,	Institute.
Margaret Wortman VanWyck,	*Hopewell Junction, N. Y.*,	Institute.

THE CLASS IN THE STUDIO.

NAME.	RESIDENCE.	ROOM.
Emma Jane Albright,	*Lewisburg*,	Mrs. A. E. Albright.
Lenna Baker,	*Lewisburg*,	Mr. W. N. Baker.
Margaret Baker,	*Lewisburg*,	J. T. Baker, Esq.
Katherine Baker,	*Lewisburg*,	J. T. Baker, Esq.
Eleanor May Barber,	*Lewisburg*,	Rev. J. C. Bucher.
Mrs. M. L. Bronson,	*Boston, Mass.*,	Institute.
Lillian Clay,	*Sunbury*,	Mrs. Douel.
Margaret Louis Clingan,	*Lewisburg*,	Mr. W. S. Clingan.
Eleanor Spangler Cornelius,	*Lewisburg*,	Mr. J. R. Cornelius.
Alice Hayward Dill,	*Clearfield*,	Mrs. F. Dill.

NAME.	RESIDENCE.	ROOM.
Anna Evans,	*Lewisburg*,	Mr. T. G. Evans.
Mary Graham Forster,	*Aaronsburg*,	Institute.
Alice Frick,	*Milton*,	Mr. Robert Frick.
Edith Furst,	*Lock Haven*,	Mr. Peter Beaver.
Mary Gibson,	*Dover, Del.*,	Mrs. Douel.
Harriet May Gundy,	*Lewisburg*,	Mr. C. V. Gundy.
Frank Bentley Brashear Hargrave,	*Greensburg*,	College.
Alice James Hassenplug,	*Lewisburg*,	Mr. C. H. Hassenplug.
Catharine Louise Hazlewood,	*Lewisburg*,	Mr. J. Hazlewood.
Effie May Hull,	*Olyphant*,	Institute.
Mary Koonce,	*Lewisburg*,	Institute.
Elizabeth Lloyd,	*Phœnixville*,	Institute.
Mrs. G. S. Matlack,	*Lewisburg*,	Home.
Carrie Elizabeth Mensch,	*Mifflinburg*,	Institute.
Mrs. J. McCleary,	*Milton*,	Home.
Alice Carey Nesbit,	*Lewisburg*,	Mr. William Nesbit.
Emma Oldt,	*New Berlin*,	Mr. C. Oldt.
Esther May Pannebaker,	*Lewistown*,	Mr. W. N. Pannebaker.
Florence Rockefeller,	*Sunbury*,	Hon. J. D. Rockefeller.
Frances Mary Rush,	*Montana, N. J.*,	Institute.
Mary Bernetta Sober,	*Lewisburg*,	Mr. C. K. Sober.
Ada Stetler,	*Lewisburg*,	Mr. P. F. Stetler.
Katherine Sweet,	*Carpenter*,	Dr. Henry Gerhart.
Mary Lois Thomas,	*Lewisburg*,	Rev. W. P. Thomas.
Mrs. F. W. Tustin,	*Lewisburg*,	Home.
Isabel Whitmer,	*Sunbury*,	Mr. W. Whitmer.
Linda Brolasky Wilhelm,	*Lewisburg*,	Mrs. S. C. Wolfe.
Mary Wolfe,	*Pottsville*,	Hon. S. D. Bates.

Courses of Study.

The Institute affords young women opportunity of pursuing the following Courses of Study:

I. The Preparatory Department furnishes a full course of instruction in the branches usually taught in the public schools, including Arithmetic, Grammar, Ancient and Modern History, Physical and Descriptive Geography, Reading, Spelling, Composition, and Penmanship, and aims to fit pupils for either the Regular Institute Course or for the College Preparatory Courses mentioned below. This elementary work being the basis of all other, the aim is to make it specially thorough, and pupils will not be promoted from this Department until fully prepared to enter upon advanced studies.

II. The Regular Course requires three years for its completion. It comprises the usual branches of a thorough advanced English education, and besides affords in foreign languages a three years' study of Latin, or the same amount of study divided between French and German, at the option of the pupil. Members of this course recite mostly to the lady instructors of the Institute, with other recitations to instructors of the Academy. The recitation in Chemistry, making available the apparatus of the College, is heard by the Professor of Natural Sciences. Those who have completed the course, with satisfactory examinations in its various studies, are entitled to a Diploma and Gold Medal.

Students wishing to enter advanced classes must pass satisfactory examinations, or present approved certificates of standing from the institution where they last studied.

III. The College Preparatory Courses.—Pupils who have first completed the necessary elementary English studies, and who purpose entering College, can continue their preparation for the Freshman Class in one or other of the courses given on pages 49 and 50.

IV. The College Course.—Provision is made for students who desire to pursue a full College Course, either Classical or Scientific. The Conditions of Admission, Schedule of Recitations, and Curricula of Studies are given on pages 13—21. Those who have satisfactorily pursued the Classical Course are admitted to the degree of Bachelor of Arts; those who have satisfactorily pursued either division of the Scientific Course, to the degree of Bachelor of Science.

Pupils from a distance who pursue studies in the Academy or College, have their home in the Institute and are subject to its regulations.

V. The Eclectic Course.—For those who do not intend to pursue a Regular Course of Study, but desire to select certain special branches, the Institute will, subject to necessary restrictions, provide such studies as they may elect and for which they show themselves qualified, but only in connection with the recitations of the regular classes.

STUDENT'S

SCHEDULE OF DAILY RECITATIONS.

FOR THE FIRST TERM

CLASS.	HOUR.	SUBJECT.	INSTRUCTOR.
Senior.....	9.30	Psychology.	Mrs. Larison.
	10.30	*Geology.*	Mr. Hamblin.
	2.40	English Literature.	Mrs. Larison.
	6.30	English Classics.	Mrs. Larison.
Middle.....	9.30	*Vergil's Æneid.* Op.	Prin. Martin.
	1.30	French Grammar. Op.	M. Aviragnet.
	2.00	Geometry.	Miss Rush.
	4.00	CHEMISTRY.	Prof. Owens.
Junior.....	8.30	*Natural Philosophy.*	Mr. Hamblin.
	9.30	Cæsar's Commentaries. Op.	Miss Bronson.
	10.30	Algebra.	Miss Rush.
	3.20	German Reader. Op.	Miss Bronson.
Senior Preparatory.	9.30	*Arithmetic, advanced.*	Mr. Stewart.
	2.00	Latin Lessons. Op.	Miss Bronson.
	2.40	German Grammar. Op.	Miss Bronson.
	4.00	Elements of Rhetoric.	Miss Rush.
Junior Preparatory.	10.15	*Arithmetic, primary.*	Mr. Stewart.
	2.40	United States History.	Miss Tustin.
	3.20	Elementary English Grammar.	Miss Rush.

FOR THE SECOND TERM

CLASS.	HOUR.	SUBJECT.	INSTRUCTOR.
Senior.....	8.30	English History.	Miss Rush.
	9.30	Science of Rhetoric.	Mrs. Larison.
	2.40	English Literature.	Mrs. Larison.
	8.00	English Classics.	Mrs. Larison.
Middle.....	10.30	Trigonometry.	Miss Rush.
	11.15	*Vergil's Æneid.* Op.	Prin. Martin.
	1.15	French Reader. Op.	M. Aviragnet.
	2.00	Perspective.	Miss Gerhart.
	3.00	*Physiology.*	Mr. Hamblin.
Junior.	9.30	Cicero's Orations. Op.	Miss Bronson.
	2.00	Geometry.	Miss Rush.
	3.20	German Classics. Op.	Miss Bronson.
	4.00	*History of Greece.*	Prin. Martin.
Senior Preparatory.	8.30	*Physical Geography.*	Mr. Hamblin.
	9.30	Algebra, begun.	Miss Rush.
	10.30	Latin Lessons. Op.	Miss Bronson.
	2.00	*Civil Government.*	Mr. Hamblin.
	2.40	German Grammar. Op.	Miss Bronson.
Junior Preparatory.	10.30	*Arithmetic.*	Mr. Stewart.
	2.00	General History.	Miss Tustin.
	3.20	Elemenrary English Grammar.	Miss Rush.

FOR THE THIRD TERM

CLASS.	HOUR.	SUBJECT.	INSTRUCTOR.
Senior.....	9.30	American Literature.	Mrs. Larison.
	11.15	Ethics.	Mrs. Larison.
	8.00	American Classics.	Mrs. Larison.
Middle.....	8.30	French Classics. Op.	M. Aviragnet.
	10.00	ASTRONOMY.	Prof. Bartol.
	11.15	*Vergil's Æneid.* Op.	Prin. Martin.
	4.00	Logic.	Miss Rush.

Junior.....	8.30	Cicero's Orations. Op.	Miss Bronson.
	10.30	German Classics. Op.	Miss Bronson.
	11.15	Geometry.	Miss Rush.
	3.00	*History of Rome.*	Prin. Martin.
Senior Preparatory.	8.30	*Elementary Botany.*	Miss Rush.
	9.30	*Algebra.*	Mr. Stewart.
	11.15	Cæsar's Commentaries. Op.	Miss Bronson.
	4.00	German Reader. Op.	Miss Bronson.
Junior Preparatory.	9.30	*Elementary English Grammar.*	Mr. Hamblin.
	10.30	*Arithmetic.*	Mr. Stewart.
	3.00	General History.	Miss Tustin.

Studies in CAPITALS indicate recitations at the College; in *Italics*, at the Academy.

Numerals in *Italics* indicate Post Meridan hours.

An OFFICER'S SCHEDULE OF DAILY RECITATIONS is printed separately.

CURRICULA.

I. PREPARATORY DEPARTMENT.

JUNIOR YEAR.

I. TERM—Arithmetic; United States History; Elementary English Grammar.

II. TERM—Arithmetic; General History; Elementary English Grammar.

III. TERM—Elementary English Grammar; Arithmetic; General History.

SENIOR YEAR.

I. TERM—Arithmetic, advanced; Latin Lessons and Latin Grammar, *or* German Grammar; Elements of Rhetoric.

II. TERM—Physical Geography; Algebra, begun; Latin Lessons and Latin Grammar, *or* German Grammar; Civil Government.

III. TERM—Elementary Botany; Algebra; Cæsar, *or* Schiller's Der Neffe als Onkel and German Grammar.

II. REGULAR COURSE.

JUNIOR YEAR.

I. TERM—Natural Philosophy; Cæsar, *or* German Literature; Algebra.

II. TERM—Cicero's Orations and Latin Prose Composition, *or* Schiller's Wilhelm Tell; Geometry; History of Greece.

III. TERM—Cicero's Orations and Latin Prose Composition, *or* Göethe's Hermann und Dorothea; Geometry; History of Rome.

MIDDLE YEAR.

I. TERM—Vergil's Æneid, *or* French Grammar and Conversation; Geometry; Chemistry, with Lectures.

II. TERM—Trigonometry; Vergil's Æneid, *or* French Literature; Perspective; Physiology.

III. TERM—French Classics, *or* Vergil's Æneid; Astronomy; Logic.

SENIOR YEAR.

I. TERM—Psychology; Geology; English Literature; Critical Study of English Classic Authors.

II. TERM—English History; Science of Rhetoric; English Literature; Critical Study of English Classic Authors.

III. TERM—American Literature; Ethics; Critical Study of American Classic Authors.

SPECIAL BRANCHES.

PURSUED BY TWO OR MORE CLASSES.

Exercises in Spelling are required of all students except Seniors.

Bible instruction is given once a week throughout the entire course.

DOUBLE ENTRY BOOK-KEEPING may be taken as an optional study during the First and Second Terms.

SHORTHAND, TELEGRAPHY, AND TYPE-WRITING, as special electives, are open to all students without extra charge.

ITALIAN AND SPANISH may be taken as optional studies, under the instruction of M. Elysée Aviragnet.

All optional studies must be pursued in connection with the regular classes.

ESSAYS AND ELOCUTION.

CLASS EXERCISES.

Semi-monthly Essays are required of all students.

Two Declamations are required of each student during each Term.

Exercises in Elocution are required once a week of all classes. The text-book used is Shoemaker's Practical Elocution, and the course of instruction includes:

Voice Culture; Modulation; Analytical Reading; Articulation—Phonetics; Expression—Gesture, and the Study of Shakespeare.

Special individual instruction in Elocution is afforded at fifty cent a lesson.

PUBLIC EXERCISES.

The Exercises of the Middle Year Class.—Of special interest in the calendar of the Institute are the Exercises of the Middle Year Class, being a combined musical and literary entertainment held in Bucknell Hall. For precise date see Calendar, page 79. Three Prizes, enumerated on page 75, are then contended for; two of them in Composition, between members of the Middle Year Class: the other in Elocution, between all the members of the Institute.

Drawing and Painting.

Exercises in Free-hand Drawing are required of all students except Seniors.

The facilities for the study of the arts of designs have been greatly enhanced by the accommodations allotted to the Art Department in The Annex. This building was erected during the last year, and is more fully described on page 74. Provision is made for a thorough course of instruction in Drawing, Painting, and all forms of Art Decoration, including:

Drawing from Life; Sketching from Nature; Object Drawing; Cast Drawing; Perspective; Painting from Life; Landscape Painting; Painting in Water Colors; China Decoration, and Tapestry Dyeing.

Extra tuition is charged for instruction in Art, as follows:

	Per Annum.
Drawing	$18 00
Crayoning	25 00
Painting in Oil, Water Colors, *or* on China	45 00
Use of Studies	2 25
	Per Lesson.
Special individual instruction in Painting	1 00

Course in Music.

This Department is under the special charge of a French artist, whose musical education was received at the Conservatory of Music in Paris, and who has had a large and successful experience in teaching. He is supported by competent assistants, and the course is designed to afford every needed facility for the study of Vocal and Instrumental Music. An ample supply of pianos from the best makers is provided for practice, including a Concert Grand.

INSTRUMENTAL MUSIC.

COURSE FOR THE PIANO-FORTE.

The pupil is required to pursue the most thoroughly approved modern system of technical training. After the first rudiments have been mastered,

the course of instruction leads to the practice of *études*, designed to unite with purely technical drill the acquirement of artistic style and expression. The course thus includes selections from the following works:

New England Conservatory Piano Method; Plaidy's Technical Studies; Köhler's Preparatory Studies; Tausig's Daily Studies; Duvernoy's Ecole du Mechanisme, books 1, 2 and 3; Cramer's Studies (Dr. Hans von Bülow's edition); Germer, op. 28; Czerny's Ausgewählte Klavier-Etüden; Heller's Art of Phrasing, and other selections; Kullak's Art of Touch, and School of Octaves; Bertini's op. 29 and 32; Studies by Moschles, Chopin, and others; Clementi's Gradus ad Parnassum.

That the æsthetic development may be proportionately secured, the above exercises are supplemented by the study of works of the best composers.

COURSE FOR THE VIOLIN.

This course is based upon:

Dancla's School of Mechanism; De Beriot's Violinist's First Guide; Fiorillo's Studies; Alard's Studies; Kreutzer's Studies, etc., with selections from the compositions of the best writers for this instrument.

COURSE FOR THE VIOLONCELLO.

Instruction for this instrument is based upon:

Methode pratique pour le Violoncelle par S. Lée.

The Orchestra.—Pupils who are sufficiently advanced in any of the above musical instruments will have opportunity of practice in string quartette, trios, concertos and the orchestra. The latter furnishes the music for the public entertainments of the Institute.

VOCAL CULTURE.

Careful instruction is given in the use of the voice, and the correct manner of producing purity of tone. To secure control over the voice and gain for it flexibility, fullness and durability, thorough drill is afforded in such technical exercises as:

Lamperti's Italian Method; Ciro Pinsuti's Daily Exercises; the Vocalises of Rossini, Marchesi, and Concone; Duprez's L'art du chant; Lamperti's Studies in Bravura Singing. For expression and the development of a pure style practice is afforded in singing the best English, German, Italian, and French Songs, Operatic Arias, and Solos from the Oratorios.

COURSE IN HARMONY.

It is urgently recommended that the study of Harmony be included with other Musical work, inasmuch as a sound knowledge of its principles is essential to the success of all vocalists and instrumentalists. The text-books used are:

Rockstro's Practical Harmony; Richter's Manual; Richter's Counterpoint.

Extra tuition is charged for instruction in Music, as follows:

	Per Annum.
Vocal Music	45 00
Music on Piano, *or* Organ	45 00
Harmony	12 00
Use of Instrument for practice	9 00
	Per Lesson.
Special individual instruction in Music	1 00

Instruction in the Orchestra and in Harmony is free to pupils otherwise studying music.

General Information.

THE SCHOOL.

The Institute Building is situated in a handsome grove of native trees, at a distance from the Buildings of the other Departments. The general character of its appointments will be found stated in sufficient detail on page 6.

The rules of the Institute are few and simple and such as contemplate relations with those only whose purpose it is to accord reasonable conformity to reasonable laws.

Parents should be cautious about seeking to direct the movements of their daughters in such particulars as interfere with the regulations of the Institute, which regulations during term-time are expected to prevail.

Each pupil should be provided with an umbrella, waterproof, overshoes, table napkins, towels, counterpanes, sheets, pillow-cases and gymnastic dress. The size of pillow is twenty inches wide by thirty inches long. A gymnastic dress, which should be altogether without trimming, is made of dark blue flannel, with Garabaldi waist, and with skirt plain, full and rather long.

Every article of clothing should be marked with the owner's name in full.

It is especially desired that the dress of pupils shall be simple and inexpensive. Whenever practicable, the wardrobe should be prepared at home, to avoid the necessity of frequent visits to town.

Teachers and students take their meals at the same table, and no special article of food is served to any one except in case of sickness.

Parents and guardians are particularly requested to refrain from furnishing their daughters and wards with cakes and confectionery.

Patrons visiting young ladies at the Institute may be accommodated with board at one dollar a day, if there are vacant rooms. In no case will pupils be required to give up their rooms to visitors. It is expected that all visitors will conform to the general regulations of the building.

The aim has been to make the Course of Study of the Institute one especially adapted to the wants of young women. In addition to the work of the class-room, ample facilities are afforded for the pursuit of such accomplishments as Music, Drawing, and Painting. By those prepared to enter upon it at once, the Regular Course of Study is completed in three years, but one or two years of preparatory work will be required of other pupils, according to the degree of advancement of each at the time of entering.

Students have access to the books of the Institute Library and to its supply of current periodicals.

The books of the College Library are available for all students.

In the Regular Course the number of daily recitations is fixed. Other students are required to engage in such a number as may in the judgment of the Principal be sufficient to occupy their time.

The character of each recitation is recorded at the time, and the result, together with a statement of the general industry and deportment of the student, sent to the parent or guardian at the close of the Term.

The passing grade in any study of a Term is a definite one, and must be attained before promotion can be secured.

Regular and systematic exercise both in the open air and in the Gymnasium is required of each student.

The morning Chapel Exercises are attended at 8:15 in Bucknell Hall in common with the members of the other departments.

Means of religious improvement are afforded by the Tuesday evening prayer meeting, conducted by the young ladies.

Attendance upon Sabbath school and Church services in town is required.

The Young Women's Christian Association, composed of the officers and students of the Institute, meets on the last Sabbath and last Thursday of each month. Devotional meetings, missionary and temperance work, are in charge of this Association.

The following are other selections from the regulations:

1. No pupil is allowed to leave the Institute grounds at any time without permission from the Principal.
2. Unless for reasons very satisfactory, pupils from a distance are not permitted to visit their homes, or to leave the Institute to visit with relatives or friends in the town.
3. None but near relatives and friends from a distance are allowed to come and visit with boarding pupils, and such visits must be so arranged as not to interfere with the regular hours of study and recitation.
4. Pupils are not at liberty to invite guests to their private apartments, or to any part of the building, without permission from the Principal.

An achievement of special interest during the past year was the erection of **The Annex Building,** which stands to the south-west of the Main Building, being connected with the latter by an inclosed passage-way. It is built of brick in the Queen Ann style of architecture, and has dimensions of one hundred feet by thirty-three feet. Like the New East Hall of the Academy (see page 53), it is the gift, in the same year, of Mr. William Bucknell, of Philadelphia. The interior is finished in natural wood, and is equipped in matters of light, heat and ventilation with the most modern improvements. The portion allotted to students' rooms affords accommodations for forty occupants. These rooms are in suites on the general plan of a centre parlor with bedrooms and closets opening to either side. The most spacious room of the building and its chief attraction is

The Studio, with such adjustments for admission of light and supply of unincumbered wall surfaces as renders it precisely adapted for the execution and display of art products.

The Exercises of the Graduating Class, held in Commencement Hall, form the closing exercises of the Institute. For the precise date see the University Calendar, page 79.

AIDS AND PRIZES.

The Students' Loan Society, organized June, 1887, will give aid to as many students of the Institute as possible. Applications for aid should be made to the President, Mrs. J. R. Loomis, Lewisburg, Pa.

THE BUCKNELL PRIZES.

The following prizes have been founded by Mr. William Bucknell, of Philadelphia:

1. A First Senior Prize, to be awarded to the member of the graduating class who, being excellent in scholarship and unexceptionable in deportment during the Senior Year, shall prepare the best graduating essay.

2. A Second Senior Prize, to be awarded to the member of the graduating class who, being excellent in scholarship and unexceptionable in deportment during the Senior Year, shall prepare the second best graduating essay.

For the year, 1888, the First Prize of twenty-four dollars was awarded to Jennie Rowan Clingan; and the Second Prize of sixteen dollars to Elizabeth Clingan.

3. A Third Senior Prize, to be awarded to the member of the graduating class who, being unexceptional in deportment, shall attain the highest grade in the studies of the Senior Year. This excludes all grades for studies not in the Senior Year, all Senior studies taken before the Senior Year, and all studies not taken in the University.

For the year 1888, this Prize of twenty-five dollars was awarded to Priscilla Miller Duncan.

4. A First Middle Year Prize, to be awarded to the member of the Middle Year Class who, being excellent in scholarship and unexceptionable in deportment during the year, shall prepare the best Middle Year essay.

5. A Second Middle Year Prize, to be awarded to the member of the Middle Year Class who, being excellent in scholarship and unexceptionable in deportment during the year, shall prepare the second best Middle Year essay.

For the year 1888 these Prizes were awarded as follows: Jennie May Davidson received the First Prize of twenty dollars; Maud Schurtz the Second Prize of fifteen dollars.

The Fund consists of $2,000, the income from which is to be devoted to these Prizes annually in a manner more particularly defined in the donor's communication to the Trustees.

THE ELOCUTION PRIZE.

A prize in Elocution is offered to that student who shall give the best recitation at the Annual Contest.

For 1888 the Prize was awarded to Priscilla Miller Duncan.

ALUMNÆ AND OTHER SOCIETIES.

THE ALUMNÆ ASSOCIATION holds its anniversary during Commencement Week. For the precise date see Calendar, page 79.

During Commencement Week, as far as the accommodations will permit, Alumnæ who take part in the Anniversary will be entertained at the Institute.

THE LEWISBURG ALUMNÆ CLUB meets at the Institute on the second Tuesday evening of each month during term-time, at half-past seven o'clock.

THE STUDENT'S LOAN SOCIETY meets in the parlors of the Institute on the first Tuesday morning after the opening of each term, at 9 o'clock.

The annual meeting for the election of officers is held at the Institute on Monday of Commencement Week immediately after the Business Meeting of the Alumnæ.

All contributions to the Society should be sent to the Treasurer, Mrs. T. H. Purdy, Sunbury, Pa.

EXPENSES.

The rooms are neatly carpeted and furnished with chairs, washstand, bedstead, and bedding, except sheets, pillow-cases, and counterpanes. These latter and towels the pupil must supply. The rooms in the Main Building are designed to accommodate two pupils; the suites in the Annex, four.

Pupils will be held responsible for damage done to the rooms they may occupy.

No room will be reserved unless definitely engaged.

I. BOARDING PUPILS.—The regular charges for Boarding Pupils are $225.00 per annum; the other expenses, spending-money, books and clothing, are at the option of the individual pupil.

If a pupil arranges to occupy a room by herself the charges for room-rent and fuel will be proportionately increased.

Boarding Pupils are charged extra for the washing of dresses, and for more than twelve pieces per week.

II. DAY PUPILS.—The charges for Day Pupils amount to fifty dollars per annum, and are apportioned as follows:

	Per Annum.
Tuition	$36 00
Incidentals, etc	14 00
	$50 00

III. EXTRA STUDIES.—The charges for the same are enumerated on pages 70—72, under Elocution, Drawing and Painting, and Music.

Bills are payable one half at the beginning, and the balance at the close of the term, except when the charges embrace only fuel and incidentals, in which case all will be required in advance. In all cases within the term.

No bill will be made out for a shorter period than one term; and no deductions will be made except in the charge for board, in case of a prolonged absence on account of sickness.

No charge for tuition is made in any of the Departments of the University to the children of Ministers of the Gospel, in actual service.

The expenses for Music, Printing, and other charges ordinarily incurred at Examinations and on Anniversary occasions, are paid by the class or classes for which such expenses are incurred.

The fee for Graduation and Diploma is five dollars.

For information respecting the Institute, address the Acting President, GEORGE G. GROFF, M. D., LL. D.

Summary of Students.

IN THE SEVERAL DEPARTMENTS.

ARRANGED BY CLASSES.

College:		
The Senior Class	13	
The Junior Class	11	
The Sophomore Class	18	
The Freshman Class	22	
Pursuing Select Studies	10	— 74
Academy:		
The Senior Class	16	
The Middle Class	20	
The Junior Class	24	
The Commercial Class	12	
The Sub Junior Class	5	
Entered too late to be enrolled	2	— 79
Institute:		
The Senior Class	6	
The Middle Year Class	16	
The Junior Class	9	
Pursuing Select Studies	16	
The Senior Preparatory Class	17	
The Junior Preparatory Class	10	— 74
The Music Department	58	
The Class in Elocution	20	
The Class in the Studio	38	
Entered too late to be enrolled:		
The Music Department	9	
The Class in the Studio	13	
Pursuing Select Studies	3	
Not otherwise counted: Music, 28; Elocution, 14; Studio, 30; Select, 3		— 75

RECAPITULATION.

College	74	
Academy	79	
Institute	149	— 302
Names repeated		1
Whole Number Registered		**301**

Abbreviations.

The following explains such Abbreviations as appear in this catalogue:

E. W.....East Wing, College Building.
W. W.....West Wing, College Building.
M. H.....Main Hall, Academy Building.
E. H.....East Hall, Academy Building.
Op.....Optional Study.

Railroad Directory.

P. & R.—The Shamokin, Sunbury and Lewisburg Division of the Philadelphia and Reading Railroad now passes through Lewisburg. Passengers from Philadelphia take a through car at the Broad and Callowhill Station, either in the morning or evening. Roads tributary to the main line of the Reading connect with these trains at West Falls, Reading, Tamaqua, Mahanoy Junction, and Shamokin. Passengers on the line of the **Catawissa Railroad** can connect with trains for Lewisburg at West Milton.

P. & E.—The Philadelphia and Erie Railroad runs within one and a half miles of Lewisburg. Persons coming to Lewisburg stop at Montandon. From that place the **Lewisburg and Tyrone Railroad** runs through Lewisburg, and trains on this road make connections with the Philadelphia and Erie Railroad.

Most of the following trains run through from the points named below without change of cars—

Three trains daily from Philadelphia, Baltimore, Pittsburg, Buffalo, Elmira, and Williamsport; two from New York, *via* Harrisburg or Scranton; and one from Erie.

Penn. R. R.—Passengers from Pittsburg and other points on the **Pennsylvania Railroad** can reach Lewisburg *via* Tyrone and Lock Haven, or *via* Tyrone and Bellefonte, or *via* Lewistown and Sunbury, or *via* Harrisburg and Montandon, according as they are located on the line.

D. L. & W.—The Lackawanna and Bloomsburg Railroad connects with the Philadelphia and Erie Railroad at Northumberland.

The above trains connect all intermediate points.

⁂ University ⁂ Calendar ⁂

LXXXVIII ⁂ LXXXIX

First Term (of fourteen weeks) begins..... Thursday, September 13th, 1888.
Thanksgiving.....Thursday, November 29th, 1888.
First Term ends.....Wednesday, December 19th, 1888.

HOLIDAY ⁂ RECESS ⁂ OF ⁂ TWO ⁂ WEEKS

Second Term (of twelve weeks) begins.....Thursday, January 3d, 1889.
Day of Prayer for Colleges.....Thursday, January 31st, 1889.
Commemoration of Washington's Birthday.....Friday, February 22d, 1889.
Second Term ends.....Wednesday, March 27th, 1889.

SPRING ⁂ RECESS ⁂ OF ⁂ ONE ⁂ WEEK

Third Term (of twelve weeks) begins..... Thursday, April 4th, 1889.
Sermon before the Y. M. C. Association.....Sunday, April 14th, 1889.
Declamations of the Middle Class, Academy....Saturday, April 27th, 1889
Exercise of the Middle Year Class, Institute.....Saturday, May 11th, 1889.
Exhibition of the Junior Class, College.....Friday, May 17th, 1889.
Examinations of the Senior Class, College.....Wednesday, June 5th, 1889.
Other Examinations..... ..Thursday to Saturday, June 20th to 22d, 1889.
Exhibition of the Senior Class, Academy.....Saturday, June 22d, 1889.
Baccalaureate Sermon.....Sunday, June 23d, 1889.
Sermon before the Education Society.....Sunday, June 23d, 1889.
Examinations for Admission to College.....Monday, June 24th, 1889.
Meeting of the Alumnæ of the Institute.....Monday, June 24th, 1889.
Oration before the Literary Societies.....Monday, June 24th, 1889.
Annual Meeting of the Trustees.....Tuesday, June 25th, 1889.
Annual Meeting of the Alumni. .....Tuesday, June 25th, 1889.
Graduating Exercises of the Institute.....Tuesday, June 25th, 1889.
Oration before the Alumni.....Tuesday, June 25th, 1889.
Annual Commencement, The 39th.....Wednesday, June 26th, 1889.

VAGATION ⁂ OF ⁂ ELEVEN ⁂ WEEKS

First Term (of fourteen weeks) begins.....Thursday, September 12th, 1889.
Thanksgiving.....Thursday, November 28th, 1889.

THANKSGIVING ⁂ RECESS ⁂ OF ⁂ THREE ⁂ DAYS

Term resumed.....Monday, December 2d, 1889.
First Term ends.....Wednesday, December 18th, 1889.

HOLIDAY ⁂ RECESS ⁂ OF ⁂ TWO ⁂ WEEKS

Second Term (of twelve weeks) begins..... .... Thursday, January 2d, 1890.
Day of Prayer for Colleges..... .....Thursday, January 30th, 1890.
Second Term ends..... .....Wednesday, March 26th, 1890.

SPRING ⁂ RECESS ⁂ OF ⁂ ONE ⁂ WEEK

Third Term (of twelve weeks) begins..... .....Thursday, April 3d, 1890.
Sermon before the Y. M. C. Association..... ....Sunday, April 13th, 1890.
Third Term ends.....Wednesday, June 25th, 1890.

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